

AUTHOR INDEX

- A
Aaes-Jorgensen, E., 107
Aaronson, A.L., 401
Abeatici, S., 236
Abelin, I., 274
Abernethy, R.J., 302
Abraham, E.P., 300
Abraham, J., 114, 115
Abrams, H.K., 165
Accorti, C., 6
Achor, L.B., 297
Ackerman, W., 15
Ackroyd, J.F., 139, 140
Adam, D.J.D., 115
Adams, F.H., 70
Adams, G., 303
Adams, J.M., 14
Adams, R.D., 16, 42, 44, 45, 143
Adams, W.N., 346
Adams, W.S., 85
Adelson, E., 140, 141
Ades, H.W., 411
Adlersberg, D., 270, 272
Adolph, E.F., 110
Adshead, J.M., 299
Aegerter, E.A., 136
Agate, F., 163
Agate, F.J., Jr., 163
Agostos, W.N., 314
Agren, A., 297
Ahaul, J.F., 386
Ahrens, E.H., Jr., 48, 49, 300
Ahto, A., 254
Aintel, H.A., 413
Aird, I., 172
Aird, R.B., 362
Akiya, S., 302
Alajouanine, T., 196
Alam, G.M., 287
Albert, A., 359, 362
Albert, H., 56
Albrecht, R.M., 2, 22, 23
Albright, F., 264, 361, 366
Alexander, F., 204
Alexander, L., 144, 408
Alexander, R.S., 148
Algan, B., 323
Algeri, E.J., 299
Allary, M., 63
Allen, E.V., 280, 408
Allen, F.H., Jr., 21, 395
Allen, F.W., 47
Allen, L., 328
Allgén, L.G., 299
Allison, J.B., 110
Allison, P.R., 39
Allott, E.N., 363
Allouf, R., 299
Almy, T.P., 82
Alstad, K.S., 280, 283, 284, 285, 287, 288
Alter, A.J., 327
Altland, P.D., 371
Altischule, M.D., 407
Alvizouri, M., 173
Alwall, N., 377
Alzamora, V., 341
Amberson, J.B., 419
Ambrose, E.J., 154
Ames, S.R., 105
Ampuero, F.M., 302
Anand, B.K., 96
Anderson, C.E., 95
Anderson, G.E., 3
Anderson, G.W., 419
Anderson, H.C., 135
Anderson, J.A., 362
Anderson, L.E., 169
Anderson, S.G., 10, 11, 28
Anderson, V., 29
Andrade, S.O., 127
Andreasen, A.T., 57
Andreasen, E., 155
André-Thomas, 196
Andrewes, C.H., 13
Andrews, C.E., 56
Andrews, G.A., 80
Andrus, E.C., 64, 65
Anfinsen, C.B., 398
Angelstein, I., 271
Angulo-Rivero, P., 404
Ansell, B.M., 251
Antoine, B., 394
Antopol, W., 163
Appleton, R., 169, 170
Archer, F.C., 86, 347
Arley, N., 154
Armitage, P., 154
Armstrong, C., 342
Armstrong, H.G., 371
Armstrong, J.R., 388
Armstrong, S.H., Jr., 38
Arnold, P., 284
Arnott, M.W., 213
Aron, C., 365
Arons, R., 300
Aronson, M., 127
Arrowsmith, W.R., 50
Arruga, H., 331
Arton, C., 110
Arvanitis, C.S., 69
Asboe-Hansen, G., 97
Ashenbrucker, H., 260
Asher, L., 360
Askenasy, H.M., 188, 190
Asper, S.P., Jr., 360
Astle, W.E., 239
Atkins, E.C., 283
Atkinson, M., 38
Aulvin, R.C., 141
Auméras, M., 303
Aurell, G., 324
Aurgaud, A.G., 315
Austin, A.C., 314
Axelrad, B.J., 366
Axelrod, A.E., 115
Axelrod, A.R., 84
Ayman, D., 287
B
Baba, M.A., 162
Babbott, F.L., Jr., 385
Babcock, W.W., 62
Bacala, J.C., 347
Bachman, A.E., 148
Bachrach, W.H., 387
Bacon, R.L., 162
Bacq, Z.M., 169
Badger, G.M., 154, 156, 401
Baehr, G., 136
Baetz, R.W., 28
Baggenstoss, A.H., 36, 49, 394
Baggesgaard-Rasmussen, H., 297
Bahner, F., 260
Bahnsen, H.T., 39, 62, 63, 236, 239
Bailey, C.C., 49, 195
Bailey, C.P., 58, 59, 64, 66, 67, 68, 69, 70
Bailey, P., 406
Baird, H.W., III, 404
Baker, A.B., 361
Baker, A.P., 46
Baker, A.Z., 98
Baker, L.A., 35
Bakke, J.L., 281
Bakken, E.E., 392
Baldwin, E. de F., 148, 214
Balfour, W.M., 50
Ballou, A.N., 44
Balme, H.W., 170
Baló, J., 164
Balston, J.N., 300, 301
Bamford, F., 296
Banche, M., 233
Bang, F.B., 13
Bang, H.O., 29
Bangerter, F., 259
Bannister, R.G., 221
Bannon, W.G., 280
Bansi, H.W., 96
Barbarino, J.J., 303
Barbero, G., 18, 19
Barbero, G.J., 26, 418
Barclay, J.A., 45
Barclay, M.F., 419
Barclay, W.R., 419
Barcroft, H., 392
Bardawill, C.J., 77
Bargmann, W., 364
Barkan, O., 327, 328
Barker, B.I., 128
Barker, M.H., 47
Barker, P., 130
Barkley, J.F., 295
Barnes, J.M., 417
Barnett, V.H., 10
Baronchelli, A., 235
Barr, D.P., 82, 94
Barraguer-Bordas, L., 197
Barrett, W., 283
Barry, C.N., 236
Barry, G.T., 300
Bartels, H., 221
Bartels, J., 217
Bartlett, G.R., 168
Bartley, W., 397

- Barton, G.D., 326
 Barton, G.M., 299
 Barton, W.B., 168
 Bartter, F.C., 359, 400
 Bartz, Q.R., 169
 Basil, B., 231
 Bass, B.M., 407
 Bass, M., 28
 Bass, M.H., 169
 Bassen, F.A., 172
 Bassett, C.A.L., 60
 Bassett, S.H., 85
 Bastin, R., 345
 Bastron, J.A., 280
 Bateman, J.C., 415
 Bates, D.V., 211-24; 212, 216, 217, 219
 Bates, M.W., 95, 96
 Bauer, H., 271
 Bauer, W., 361, 362
 Bauersfeld, R., 70
 Baum, W.D., 394
 Baumann, C.A., 115
 Baumgartner, L., 338
 Bayles, T.B., 248
 Baylin, J.J., 100
 Bayliss, L.E., 215
 Beach, F.A., 368
 Beaconsfield, P., 239
 Beadenkopf, W.G., 22, 23
 Beal, J.M., 380
 Beale, H.D., 216, 219
 Bean, W.B., 37
 Beard, D., 167
 Beard, J.W., 167
 Beard, M.F., 82
 Beare, J., 114
 Bearn, A.G., 35-54; 46, 50
 Beaton, J.R., 114
 Beaudoin, R., 96
 Bech, V., 288, 289
 Bechgaard, P., 282
 Beck, C.W., 67
 Beck, G.J., 221
 Beck, W.S., 78
 Becka, D.R., 360
 Becker, B., 329
 Becker, C., 78
 Bedford, D.E., 65
 Bedson, S.P., 139
 Bedwell, G.A., 173
 Beeman, E.A., 9
 Beerman, H., 386, 409
 Begg, A.C., 237
 Beher, W.T., 265
 Behre, J.A., 260
 Behrend, A., 232
 Behrens, O.K., 361
 Belasco, S., 411
 Belden, E.A., 20
 Bell, H.G., 417
 Bell, J.A., 5, 9
 Bellak, L., 407
 Bellinazzo, P., 61
 Bellman, S., 61
 Bello, C.T., 282
 Belt, E., 377-84; 381
 Bencini, A., 61
 Benedict, E.B., 387
 Benenson, A.S., 18
 Bener, G.M., 300
 Bennet, B.L., 6
 Bennett, A.E., 207, 408
 Bennett, A.M., 20
 Bennett, H.D., 35
 Bennett, I.L., Jr., 417
 Bennett, L.L., Jr., 164, 169
 Bentall, H.H., 172
 Ben-tor, V., 95
 Beraldo, W.W., 127
 Beranbaum, S.A., 233
 Bercel, N.A., 347
 Berck, B., 298
 Bercovitz, Z.T., 232
 Berenblum, I., 402
 Berg, A.M., 298
 Berg, B.N., 98
 Berg, N.O., 189
 Bergan, F., 221
 Bergdoll, M.S., 297
 Bergel, F., 170
 Bergenstal, D.M., 169
 Berggren, A., 297
 Bergh, N.P., 400
 Berglund, F., 65
 Berglund, K., 132
 Bergman, P., 390
 Bergqvist, N., 399, 410
 Berk, J.W., 233
 Berkowitz, S., 249
 Berkwitz, G., 408
 Berlin, N.I., 85
 Berliner, R.W., 394
 Berman, L., 81, 84
 Bernard, C., 369, 370
 Bernard, D., 195
 Bernard, J., 169
 Berne, C.J., 387
 Berne, R.M., 59
 Bernhard, W., 167
 Bernhart, F.W., 99
 Bernkopf, H., 26
 Bernstein, E., 303
 Bernstein, L., 212
 Beroza, M., 298
 Berry, G.P., 141
 Berry, R.G., 404
 Berson, S.A., 395
 Berthier, G., 155
 Bessey, O.A., 115
 Bessis, M., 173
 Bessman, A.N., 405
 Best, C.H., 101, 109, 112
 Best, W.R., 168
 Bethard, W., 50, 83
 Beutler, E., 83
 Beyerman, H.C., 298
 Bezer, A.E., 142, 143
 Bhatia, B.B., 290
 Bhattacharyya, R.N., 296, 302
 Bichel, J., 164
 Bickerman, H.A., 221
 Bickerstaff, E.R., 188, 189
 Bidwell, E., 354
 Bieber, S., 171
 Biedermann, W., 259
 Biegelman, P.M., 9
 Biehl, J.P., 351, 399
 Bielschowsky, F., 157, 162, 163
 Bielschowsky, M., 157
 Bier, O., 127
 Bierman, H.R., 39, 80, 81, 82, 84, 87, 169, 170, 172, 235
 Bietti, G.B., 314
 Bigelow, N.H., 173
 Bigelow, W.G., 58, 59, 60
 Biggs, R., 354
 Bigler, J.A., 18
 Bikich, G., 79
 Bill, A.H., Jr., 55, 62
 Billingham, R.E., 146
 Bine, R., Jr., 414
 Bing, R.J., 59, 390
 Binhammer, R.T., 161
 Bird, M.J., 160
 Birtch, P.K., 28
 Bishop, C., 399
 Bitman, J., 264
 Bitner, J.J., 166
 Björk, V.O., 69, 216
 Björling, C.O., 297
 Bjørneboe, M., 413
 Black, J.I.M., 189
 Black, M.M., 82
 Black-Schaffer, B., 162, 418
 Blades, E., 60
 Blakemore, A.H., 36, 40, 42, 60, 61, 62, 239
 Blalock, A., 55-76; 39, 65, 67, 70, 71, 236
 Blanchard, M.C., 19, 21
 Blank, H., 15, 16
 Blattner, R.J., 335-58; 340, 387
 Blinn, R.C., 303
 Bliss, C.A., 299
 Bloch, H., 419
 Bloch, K., 155
 Block, M., 50, 83, 88
 Block, M.A., 45
 Block, M.H., 83
 Block, R.J., 300, 301
 Block, W.J., 94
 Blodgett, D.J., 148, 221
 Blondheim, S.H., 48
 Bloss, P., 57, 59
 Blount, J.W., 60
 Blount, S.G., Jr., 58, 68
 Bluemle, L.W., 47
 Blum, L., 135
 Blumberg, J.M., 162
 Blumenthal, S.A., 50
 Bluntschli, H.J., 282
 Boas, N.F., 269
 Bock, F.G., 163
 Bock, R.H., 324
 Bocking, D., 129
 Bodanove, E.M., 366
 Bodansky, O., 101
 Bodian, D., 2, 3, 4, 5

- Bodian, M., 173
 Boehringer, H. R., 326
 Boerema, I., 58
 Böhme, H., 297
 Bohne, A. W., 236
 Bohr, D. F., 113
 Boland, E. W., 243, 248, 417
 Boldrey, E. B., 169
 Bollaert, A., 230
 Bollag, W., 170
 Bollinger, J. A., 173
 Bollman, J. L., 37, 45
 Bolton, B., 143
 Bolton, H. E., 65, 66, 67
 Bonaduce, A., 321
 Bond, W. H., 84, 170
 Bongiovanni, A. M., 49
 Bonner, C. D., 169
 Bonnot, L., 303
 Bonser, G. M., 157
 Booth, J., 155
 Borbola, J., 79
 Borchardt, H., 264
 Bordas, L. B., see
 Barraquer-Bordas, L.,
 Borison, H. L., 281
 Borke, M. L., 289
 Borowy, Z., 43, 45
 Borrero, L. M., 217
 Borson, H. J., 93-124; 94,
 100
 Bortz, D. W., 137
 Borum, K., 155
 Bosch, S. J., 249
 Boshes, B., 406
 Bossak, E. T., 270, 272
 Bossenmaier, I., 262
 Botet, Von E. L., see
 Lopez-Botet, Von E.,
 Bouckaert, J. J., 389
 Boucot, N. G., 217
 Bourne, G., 289
 Bousfield, M. E., 226
 Boussemart, E., 299
 Bower, A. G., 385
 Bowers, D., 28
 Bowie, M. A., 247
 Bowman, R. E., 173
 Bowman, R. L., 56
 Boyce, K. C., 250
 Boyd, E. M., 171
 Boyd, W. M., 239
 Boyes, J. H., 409
 Boyland, E., 155, 168, 413
 Boyne, A. W., 400
 Boxer, G. E., 108
 Brackenridge, R. D. C., 221
 Brackett, J. W., Jr., 302,
 303
 Brackney, E. L., 163
 Bradford, L. W., 302, 303
 Bradford, M., 303
 Bradley, S. E., 46
 Brady, R. A., 113
 Brahm, S., 61
 Brain, R., 405
 Brain, W. R., 196
 Braley, A. E., 311-34; 312,
 321, 325, 328
 Branche, G., 169
 Branche, G. C., Jr., 171
 Branden, J. van der, 188,
 190
 Brandstrup, E., 411
 Brandt, E. L., 156
 Branson, J. H., 388
 Bras, G., 17, 18
 Braslow, E., 131
 Brathge, K. H., 300
 Braun, K., 221
 Braunwald, E., 419
 Bray, P. F., 370
 Brazeau, P., 394
 Brazier, M. A., 404
 Breakell, E. S., 35
 Brecy, H., 86
 Bregeat, P., 227
 Brent, L., 146
 Breslow, E., 165
 Bresnick, E., 147
 Brewster, W. W., 214, 219
 Brick, I. B., 35, 40
 Bridenbaugh, R. B., 39
 Briedman, B. I., 399
 Brindle, H., 299
 Brink, F., 407
 Brinkhous, K. M., 353, 355,
 395
 Briscoe, W. A., 217
 Britton, A., 77
 Britton, S. W., 365
 Broager, B., 406
 Brobeck, J. R., 96, 364, 369
 Brock, J. F., 111
 Brock, R. C., 65, 66, 70, 71
 Brodell, H., 78
 Brodén, B., 230
 Brodie, B. B., 246, 303
 Broekhuysen, L., 58
 Brolin, S. E., 366
 Bronfenbrenner, J. J., 126
 Bronzini, A., 190
 Brookhart, J. M., 404
 Brooks, B. F., 21
 Brooks, C. M., 364
 Broster, L. R., 362
 Broucha, L., 368
 Brower, D., 407
 Brown, C. C., 419
 Brown, D. D., see
 Denny-Brown, D.,
 Brown, E. A., 417
 Brown, E. B., Jr., 419
 Brown, E. M., Jr., 244, 247,
 417
 Brown, J. B., 146
 Brown, L. V., 6
 Brown, M. B., 161
 Brown, R. A. P., see
 Peebles Brown, R. A.
 Brown, R. B., 60, 61
 Brown, R. D., 282
 Brown, R. F., 169
 Brown, R. R., 156
 Browne, D., 382
 Browning, C. H., 416
 Brownlee, G., 416
 Brozek, J., 397
 Brucer, M., 168
 Bruck, E., 249
 Brückel, K. W., 397
 Brueckner, H. H., 351
 Brues, A. M., 161, 413
 Bruns, L., 195
 Brunton, L., 64
 Bruwer, A., 236
 Buchegger, E., 297
 Büchi, J., 297
 Buckatzsch, J., 165
 Buckingham, W., 282
 Buckley, S. M., 169
 Buckwalter, J. A., 355
 Buddingh, J. G., 15
 Budtz-Olsen, O. E., 39
 Buehler, H. J., 264
 Bufkin, J. H., 172
 Buhn, W. H., 342
 Bultman, J. D., 298
 Bunim, J. J., 246, 248
 Bunn, R., 351
 Bunting, H., 167
 Burch, G. E., 392
 Burch, P. R. J., 162
 Burchenal, J. H., 84, 168,
 170, 171, 396, 398
 Burdon, K. L., 126
 Burgin, L. B., 401
 Burgoon, C. F., 16
 Burian, H. M., 328
 Burke, R. J., 348
 Burkey, E. L., 134, 145
 Burley, R. A., 300
 Burmester, B. R., 167
 Burnet, F. M., 1, 19, 27
 Burnett, W. T., 163
 Burns, J. J., 303
 Burrage, W. S., 401
 Burrill, M. W., 371
 Burrows, H., 162
 Burt, C. C., 284
 Burtner, O. W., 84, 170
 Burton, C. C., 389
 Burton, H. S., 300
 Burwell, C. S., 65, 390
 Busacca, A., 328
 Busch, P., 225
 Bussell, R. H., 171
 Bussey, D. R., 115
 Bustamante, R., 239
 Butler, A. M., 264
 Butler, J. A. V., 158, 160
 Butt, H. R., 36, 43, 49
 Buttiaux, R., 390
 Bau-Hof, N. P., 154, 155
 Byrne, J. J., 409
 Byron, R. L., Jr., 80, 87, 235
 Bywaters, E. G. L., 251
 C
 Cabasso, V. J., 6

- Cade, S., 403
 Cadle, R. D., 295
 Cadman, E. F. B., 237
 Cahen, J., 390
 Cain, A. J., 407
 Calderón, C., 5
 Caldwell, E. R., Jr., 47
 Caldwell, N. J., 11
 Calhoun, F. P., 328
 Callaghan, J. C., 58, 59, 60
 Callahan, E. J., 377
 Callow, A. D., 61
 Callow, N. H., 264
 Callow, R. K., 264
 Calvert, R. J., 361
 Calvin, M., 259
 Camerman, J., 235
 Cameron, A., 283
 Cameron, G. R., 153
 Cammermeyer, J., 46
 Campbell, A., 288
 Campbell, A. J. M., 283, 284, 288, 289
 Campbell, M., 70, 71
 Campbell, R. M., 146
 Campbell, S. M., 418
 Campbell, W. A. B., 28
 Campi, L., 236
 Camps, F. E., 23
 Candolin, Y., 409
 Cannon, B., 419
 Cannon, W. B., 361, 364, 365, 368, 369, 370
 Cantarow, A., 264, 366, 368
 Cantrell, F. P., 46
 Capps, F. C. W., 189
 Capps, R. B., 20, 21, 47
 Cara, M., 212
 Carabasi, R. A., 169
 Caravati, C. M., 194
 Carbone, F., 188, 190
 Carless, J. E., 298
 Carlió, P. E., 171
 Carlson, W. W., 170
 Carr, D. T., 416
 Carr, H. A., 391
 Carr, J. J., 257-78; 261, 262, 265
 Carrel, A., 55, 80, 377
 Carrerea, A., 87
 Carretero, R., 113
 Carter, B. N., III, 63
 Carter, D. D., 100
 Carter, F. S., 352
 Carter, S., 347
 Carter, T. C., 156
 Cartwright, G. E., 80, 260
 Cary, F. H., 417
 Casals, J., 6
 Casanova, R., 239
 Case, R. A. M., 157
 Casey, W. C., 379
 Casper, J., 196
 Cassady, J. V., 318, 323
 Casselman, W. G., 108
 Castille, P., 299
 Castleman, B., 217, 361
 Cataldo, M., 85
 Cathie, I. A. B., 342
 Cattell, J. P., 201
 Catzias, G. C., 97
 Caughey, J. E., 362, 363
 Cavallieri, R. J., 347
 Cavanagh, J. B., 188
 Cavarra, V., 314, 315
 Cazzullo, C. L., 142
 Cecchini, L. P., 60, 61
 Cerecedo, L. R., 115
 Chacon, J. L. D., 380, 381
 Chaikoff, I. L., 163
 Chakravarty, N. K., 290
 Chalmers, T. C., 46, 47
 Chambers, R., 81
 Chanutin, A., 270, 271
 Chapman, O. W., 281, 288
 Charipper, H. A., 371
 Charonnat, R., 298
 Chase, H. B., 408
 Chase, M. W., 129, 131, 133
 Chassin, J. L., 412
 Chatterjea, J. B., 80, 140, 141
 Chaudhuri, M. N. Rai, see Rai Chaudhuri, M. N.
 Chaudhuri, R. N., 290
 Chaudhuri, S. N., 78
 Cheatham, W. J., 16, 348
 Cheever, F. S., 4, 171
 Cheldelin, V. H., 397
 Chen, M. P., 364
 Cheng, Y. T., 416
 Chepromiere, D. M., 13
 Chernick, S. S., 106
 Chernin, E., 342
 Cherrier, N., 299
 Chesley, L. C., 410
 Chèvremont, M., 169
 Chèvremont, S., 169
 Child, C. G., 39
 Chiles, N. H., 36
 Chilton, J., 298
 Chomet, B., 87
 Chou, T. C., 283
 Christensen, P. E., 29
 Christensen, V. A., 297
 Christeson, W. W., 236
 Christie, R. V., 211-24; 214, 215, 220
 Chudzik, E. B., 108
 Churchill-Davidson, H. C., 59
 Chute, A. L., 56
 Chute, R., 394
 Cigarroa, J. G., 46
 Claggett, O. T., 420
 Claireaux, A. E., 173
 Clark, D. E., 401
 Clark, E., 137
 Clark, E. M., 4
 Clark, H. M., 162
 Clark, L. C., 58, 59
 Clark, W. A., 303
 Clarke, D. A., 169, 171
 Clayton, D. B., 157
 Cleghorn, R. A., 369, 370
 Clément, R., 323
 Clemmesen, J., 165
 Clemo, G. R., 166
 Clifford, S. H., 337
 Clifton, E. E., 80, 128
 Clinton, M., 371
 Cloquet, J., 390
 Clough, P. W., 353
 Clowes, G. H. A., Jr., 56
 Coates, E. O., 416
 Cobb, S., 148, 221, 362
 Coburn, W. P., 403
 Cockburn, W. C., 23
 Code, C. F., 79
 Coffey, G. L., 169
 Cohen, A. M., 221
 Cohen, G., 217
 Cohen, J. G., see Gershon-Cohen, J.
 Cohen, M., 58, 69
 Cohen, M. I., 173
 Cohen, S., 408
 Cohen, S. L., 264
 Cohn, S. Q., 116, 118, 341
 Cohn, C., 412
 Cohn, E. M., 233
 Cohn, R., 68
 Colas, A., 298
 Colbert, J. W., 46
 Colcock, B. P., 173
 Cole, R. M., 9
 Coleman, C. C., Jr., 60
 Coleman, V. R., 15
 Collins, R. C., 328
 Colm, H., 206
 Combes, F. C., 164
 Comroe, J. H., 212, 213, 216, 219, 419
 Comroe, J. H., Jr., 147, 215, 391
 Condon, J. V., 360
 Conkling, R. W., 393
 Conn, J. W., 359, 370
 Consiglio, J. G., 95
 Consolazio, W. V., 371
 Constant, M. A., 397
 Conte, A. J., 165
 Conte, N. F., 347
 Contino, F., 314
 Contreras, G., 10
 Converse, J. M., 146
 Conway, B. E., 158
 Conway, H., 410
 Cook, J. E., 85
 Cook, K. M., 217
 Cook, R. H., 167
 Cooke, F. N., 61
 Cooke, J. V., 81, 172, 173
 Cooke, R. A., 125-52, 132, 145
 Cooke, W. T., 45
 Cookson, B. A., 58, 59
 Cooley, D. A., 62, 63, 64, 65
 Coonrad, E. V., 168
 Cooper, J. A. D., 412

- Cooper, M. N., 417
 Cooper, R. L., 164
 Copeland, D. H., 105, 107, 110
 Copeland, W. W., 361
 Copeman, W. S. C., 243, 245
 Coppel, L. O., 20
 Corcoran, A. C., 138, 283, 392
 Cordes, F., 81
 Cordes, F. C., 330, 360
 Cordes, F. L., 80
 Cordier, J., 323
 Coriell, L. L., 4, 5, 15, 16
 Corley, R. W., 281
 Cornfield, J., 165
 Cornish, E. R., 215
 Cornwell, S., 161
 Corsiglia, V. F., 163
 Cortell, R., 368
 Cosgrove, K. E., 85
 Cotsonas, N. J., 393
 Cotte, G., 364
 Cotton, R., 381
 Coulson, C. A., 155
 Coulter, R. L., 284
 Counsell, P. B., 172
 Courmand, A., 148, 214, 215, 216, 217
 Coursin, D. B., 115
 Courtice, F. C., 38, 397
 Courville, C. B., 405, 407
 Cousineau, G. G., 322
 Coverdale, H., 316
 Cowan, T. W., 318
 Cowley, R. A., 62
 Cox, E. P., 221
 Cox, H., 6
 Cox, H. R., 6
 Crabbe, J., 81
 Crabbe, J. G. S., 172
 Crafoord, C., 65, 69
 Craig, J. M., 21, 327
 Craig, J. P., 27
 Craig, L. C., 300
 Craigie, L., 402
 Craver, B. N., 283
 Craver, L. F., 84
 Crawford, J. D., 361
 Crawford, R. V., 188
 Creevy, C. D., 238
 Cregg, H. A., 231
 Cremer, H. D., 268
 Creveld, S. van, 354
 Crick, F. H. C., 160
 Crile, D. M., 82, 172
 Crile, G., Jr., 36
 Crismer, R., 390
 Critchley, M., 187-200
 Crone, R. S., 231
 Croninger, A. B., 166
 Crook, E. M., 268, 269
 Crosby, E. C., 403
 Crosby, W. H., 87
 Crouch, W. L., 14
 Crowley, M. F., 361
 Crumpacker, E. L., 94
 Culbertson, C. S., 323
 Culbertson, J. W., 282
 Cullen, R., 50
 Cumings, J. N., 50
 Cummins, C., 231
 Cuneo, H. M., 173
 Cunliffe, A. C., 18, 134
 Cunningham, A. W. B., 161
 Cunningham, B. B., 260
 Curley, F. J., 116
 Currie, A. R., 173
 Currie, J. P., 248
 Curti, P. C., 217
 Curtis, A. C., 102
 Curtis, R. M., 269
 Curzon, E. G., 112
 Custer, R. P., 83
 Cutler, S. J., 402

 D
 Dack, G. M., 297, 387
 Da Costa, E., 98
 Daeschner, C. W., 345
 Daft, F. S., 102, 108
 Dahl, J., 392
 Dahl, L. K., 97
 Dahlberg, G., 165
 Dalldorf, G., 98
 Dalton, A. J., 371
 Dam, H., 104, 107, 108
 D'Amato, H. E., 59
 Dame, L. R., 191
 Dameshek, W., 80, 81, 140, 141, 396
 Dammann, J. F., Jr., 71
 Dammin, G. J., 377
 Dancis, J., 335, 336, 340
 D'Angelo, S. A., 366
 Daniel, P. M., 196
 Daniels, W. B., 323, 346
 Danishefsky, I., 163
 Dann, W. J., 101, 107, 108
 Dao, T. L.-Y., 169
 Dargeon, H. W., 84, 173
 Darling, R. C., 215
 Darrow, C. W., 361, 364, 365
 Dart, R. M., 169
 Daudel, P., 155
 Dausset, J., 86
 Davenport, F. M., 11
 Davenport, H. W., 114
 Davenport, U. D., 114
 Davenport, V. D., 362
 Davey, J. B., 328
 David, M., 227
 Davids, A. M., 380
 Davidson, C. S., 37, 41, 42, 44, 45, 46, 47, 140, 142, 388
 Davidson, H. B., 28
 Davies, A. M., 26
 Davies, D. R., 415
 Davies, H. W., 214
 Davies, J. N. P., 111
 Davies, L. G., 228
 Davis, B., 231
 Davis, G. K., 398
 Davis, J. P., 360
 Davis, W. J., 50
 Davison, K. B., 80
 Davison, M. M., 412
 Davison, W. C., 172
 Dawes, G. S., 391
 Dawson, A. M., 173
 Day, P. L., 115
 Dean, R. F. A., 418
 Deane, N., 46
 DeBakey, M. E., 62, 63, 64, 388, 393
 DeBey, H. J., 115
 DeBodo, R. C., 97
 DeBord, R., 56
 Debre, R., 345
 de Bruyn, W. M., 169
 DeBusscher, G., 390
 DeBusscher, J., 390
 Decker, K., 227
 De Clercq, F., 230
 DeCoster, A., 221, 230
 de Elio, F. J., see Elio, F. J. de
 De Giovanni, R., 109
 DeGroot, J., 369
 Dein, H. L., 43
 DeJean, C., 319
 Dejerine, J., 196
 DeJong, H. H., 201
 Delahaye, J. K., 171
 de la Huerga, J., see Huerga, J. de la
 DeLalla, O., 392
 DeLaMater, G., 297
 Delany, F., 36
 Delarue, N. C., 402
 de Lavergne, V., see Lavergne, V. de
 Delbove, P., 191
 Delgado, J. M. R., 96
 DeLothringer, M. C. A., 148
 Deltour, G., 169
 de Mayo, P., see Mayo, P. de
 Demeny, M., 261, 262
 Demoen, P., 302
 de Moerloose, P., see Moerloose, P. de
 Denber, H. C. B., 20
 Dennig, H., 95
 Dennis, C. D., 56, 57, 68
 Denny, F. W., 344
 Denny-Brown, D., 16, 50, 198
 Denolx, P. F., 165
 Denolin, H., 221
 Dent, C. E., 51
 Denz, F. A., 417
 Dequidt, J., 304
 Derbes, V. J., 391
 De Renzo, E. C., 115
 Deringer, M. K., 167
 Derobert, L., 303
 deRoeth, A., Sr., 316, 317

- Desforages, G., 49
 DeShon, H. J., 201
 Desnuelle, P., 398
 Desse, G., 10
 deTakats, G., 393
 Deterling, R. A., Jr., 60
 Deuchar, D., 70
 Deuchar, D. C., 71
 Deuschle, K. W., 84
 Deutsch, E., 388
 Devoe, A. G., 411
 Dewar, H. A., 50
 de Wolfe, V. G., see Wolfe, V. G. de
 Dews, S. C., 386
 Diamond, H. D., 84
 Diamond, L., 169
 Diamond, L. K., 21, 395
 Dible, J. H., 47
 Dickie, M. M., 95, 96
 Dickos, J., 171
 Diczfalusy, E., 410
 Diefenbach, F. D., 23
 Diefenbach, W. C. L., 22, 23, 47
 Dietrich, L. S., 171
 Di Giorgio, J., 99, 112
 Di Guglielmo, L., 231
 Dill, D. B., 368, 371
 Dilling, N. V., 86
 Di Luzio, N. R., 110
 Dingemans, E., 264
 Dinning, J. S., 106, 115
 Discombe, G., 172
 Dittrich, H., 87
 Doan, C. A., 81, 395
 Dobre, M. S., 299
 Dobriner, K., 264
 Dobyns, B. M., 361
 Dockerty, M. B., 49
 Dod, K. S., 82, 172
 Dodds, C., 243
 Dodge, H. W., Jr., 226, 406
 Dodrill, F. D., 56, 57
 Doehner, G. H., 236
 Doery, H. M., 300
 Dohan, F. C., 413
 Dolsy, E. A., 264
 Dole, V. P., 97
 Doll, R., 154, 165
 Domagk, G., 170
 Domino, E. F., 361
 Don, C., 231
 Donald, K. W., 216, 217
 Dong, L., 3
 Donnelly, M., 11
 Donovan, H., 173
 Dontas, A. S., 280
 Dontcheff, A., 167
 Donzelot, E. D., 71
 Doran, J. K., 347
 Dorfman, R. I., 359, 400
 Dormu, A. E., 217
 Dorn, H. F., 165
 Dornhorst, A. C., 215
 Dostrovsky, A., 198
 Dotter, C. T., 228, 230
 Dougherty, T. F., 81
 Douglas, D. M., 173
 Doull, J. A., 416
 Doust, J. W. L., 201
 Dove, D. M. S., 25
 Dow, R. P., 8
 Dowling, H. F., 47
 Downie, A. W., 17, 340
 Downing, D. F., 58, 59
 Downing, V., 169, 170, 171
 Doxie, J., 169
 Doyle, A. E., 281, 282, 283, 285, 288, 290, 291
 Dragstedt, C. A., 127
 Drahl, E., 393
 Drake, F. R., 407
 Drake, M. E., 19, 20, 21, 22
 Drake, T. G., 361
 Drake, W. L., Jr., 49
 Draper, M. D., 300
 Drasher, M. L., 365
 Drechter, I. J., 265
 Dreskin, O. H., 354
 Drew, A. L., 261
 Drews, L. C., 326
 Drey, R. N. A., 299
 Dreyer, B., 39
 Dreyfus, R. A. B., 169
 Drimmer, F., 221
 Druckrey, H., 154
 Drummond, J. C., 98
 Dry, T. J., 94
 D'Silva, J. L., 212
 Duane, R. T., 140
 Dubach, R., 141
 Dubin, I. N., 388
 DuBois, E. F., 397
 Dubois, E. L., 86
 Dubois-Ferrière, H., 168
 Dubost, C., 63, 71
 Ducci, H., 48, 50
 Ducrot, H., 394
 Dudgeon, J. A., 14, 18, 349
 Duff, R. S., 393
 Duggan, E. L., 300, 301
 Duggart, J. H., 330
 Duguid, J. B., 221
 Dukes, C. E., 172
 Dulfano, M. J., 147
 Dumont, A., 230
 Dunbar, F., 370
 Duncan, D. L., 397
 Dunham, M., 264
 Dunlop, D. M., 274
 Dupraz, A., 230
 Durand, M., 71, 225
 Durbin, G. T., 99
 Durgeat, M., 299
 Dustan, H. P., 138, 283, 392
 Dutcher, R. M., 6
 Duthie, J. J. R., 245
 Duto, S., 408
 Dye, W. S., 239, 393
 Dyke, J. H. van, 163
 Dyke, R. W., 84, 170
 Dysart, B. R., 412
 Dzięwiatkowski, D., 261
- E
- Eads, M. G., 47
 Eagle, H., 414
 Eagle, M., 11
 Eareckson, V. O., Jr., 325
 Earl, C. J., 50
 Earle, D. P., 26
 Eastcott, H. G., 60
 Easterling, L., 114
 Ebaugh, F. G., 416
 Ebaugh, F. G., Jr., 86
 Ebert, R. V., 215, 419
 Echea, M. J., 302
 Eckert, E. A., 167
 Eckhardt, G. C., 344
 Eckhardt, R. D., 46
 Eckstein, R. G., 67
 Economides, E., 212
 Eddy, B. E., 13
 Edelmann, A., 161
 Eder, W. P., 56, 57, 68
 Edmonds, H. W., 371
 Edwards, D. G., 295
 Edwards, J. C., 416
 Edwards, T., 413
 Edwards, W., 407
 Edwards, W. S., 59
 Ehrentheil, O. F., 144
 Ehrlich, W. E., 79
 Ehrlich, J., 169
 Ehrlich, M., 249, 400
 Ehrlich, N. J., 401
 Eichelberger, L., 412
 Eichwald, E. J., 80
 Eidson, M., 164
 Einarson, L., 104
 Einsel, I. H., 173
 Eisenberg, S., 360
 Eisenbud, M., 162
 Eisenmenger, W. J., 40, 41, 42, 48, 49
 Eisner, A., 298
 Ekeblad, P., 304
 Eklund, C. M., 387
 Elder, C. C., 169
 Elek, S. R., 281
 Elftman, H., 108
 Eliasch, H., 65
 Elio, F. J. de, 283
 Elion, G. B., 171
 Elkington, J. St. C., 197
 Elliot, W. E., 259
 Ellis, F., 169
 Ellis, L. B., 65, 281
 Ellison, R. R., 84, 171
 Ellison, S. A., 15
 Elmadjian, F., 359, 365, 366, 400
 Elsey, E. C., 238
 Elson, L. A., 157
 Ely, R. S., 370
 Emerson, G. A., 116
 Emerson, K., Jr., 169
 Emerson, W. J., 108
 Emmens, C. W., 264
 Emmett, J. L., 416

- Enders, J. F., 6, 24, 26
 Endrei, E., 173
 Engel, F. L., 359, 365, 366, 368
 Engel, G. L., 389
 Engelbreth-Holm, J., 155
 Engelke, J., 301
 Engle, B., 408
 Engstrom, M. W., 264
 Enklewitz, M., 261
 Entel, S., 297
 Enthoven, P. H., 298
 Enticknap, J. B., 394
 Eppenstein, S. S., 188, 190
 Epstein, H. C., 14
 Epstein, N., 344
 Epstein, R. D., 140, 142
 Essellier, A. F., 80, 290, 396
 Essenberg, J. M., 165
 Essex, H. E., 68, 127
 Estes, J. E., Jr., 63
 Ettinger, R. H., 20
 Euler, U. S. von, 404
 Evans, A. S., 47, 48, 347
 Evans, A. T., 238
 Evans, H. M., 115, 117, 163, 366, 367
 Evans, I. W. J., 336
 Evans, J. A., 36
 Evans, J. P., 405
 Evans, R. A., 299
 Evans, R. S., 140, 299
 Evans, T. S., 81
 Evans, W. C., 298, 299
 Evelyn, K. A., 262
 Everett, J. L., 170
 Everett, J. W., 368
 Eversole, N. H., 418
 Eyles, D. E., 342
 Eystone, W. H., 157
- F**
- Faber, H. K., 3
 Faeth, W. H., 404
 Fahey, J. J., 173
 Fahmy, M. J., 160
 Fahmy, O. G., 160
 Fairbanks, V. F., 281
 Fairhall, L. T., 296
 Fajans, S. S., 359, 370
 Fales, F. W., 259
 Falk, B., 228
 Falk, H. L., 166
 Falkinburg, L. W., 173
 Faloon, W. W., 37
 Farber, E., 107
 Farber, E. M., 409
 Farber, R. K., 97
 Farber, S., 169, 170, 371
 Farber, S. M., 165
 Farmer, D. A., 388
 Farmilo, C. G., 297, 304
 Farquhar, J. D., 19, 21
 Farrar, J. T., 388
 Faulkner, J. W., 416
 Faure, P., 342
 Fazekas, J. F., 405
 Fazekas de St. Groth, S., 135
 Fearnley, M. E., 243, 249
 Fedlar, E., 127
 Feemster, R. F., 24
 Fein, B. T., 221
 Feinmann, E. L., 192
 Feldberg, W., 127, 415
 Feldman, H. A., 342
 Feldman, J., 360, 365, 368
 Feldsted, E. T., 169
 Feller, D. D., 97
 Felmus, L. B., 410
 Felson, B., 225-42; 230, 231, 232, 233, 235, 238
 Fenn, W. O., 215
 Fenninger, L. D., 83, 402
 Féré, C., 195
 Ferebee, S. H., 349, 350
 Ferner, H., 361
 Ferraro, A., 142, 404
 Ferris, B. G., Jr., 215, 221
 Ferris, D. O., 377
 Fèvre, M., 172
 Fierro, M. I., 283
 Fieser, L. F., 155
 Filley, G. F., 215, 217, 221
 Finch, C. A., 50
 Finch, S. C., 86
 Findlay, G. M., 98
 Fine, J., 377
 Fineman, A., 264
 Finerty, J. C., 161
 Finland, M., 401, 417
 Finnerty, F. A., Jr., 283, 284, 287, 288, 289
 Finter, N., 13
 Firminger, H. I., 173
 Fisch, C., 43
 Fischer, E., 411
 Fischer, H. W., 56
 Fischer, R., 201, 297, 304
 Fischgold, H., 227
 Fisher, C., 364
 Fisher, J. H., 56
 Fisher, J. J., 400
 Fisher, M., 405
 Fisher, R. E. W., 164
 Fishman, A. P., 217
 Fishman, W. H., 153, 169
 Fisk, A. A., 270
 Fitch, F. W., 130
 Fitzpatrick, H., 70
 Flack, M., 360
 Flanagan, J. C., 407
 Flannery, W. E., 388
 Fleming, R., 59
 Fletcher, M. C., 336
 Flock, E. V., 45
 Florence, T. J., 379
 Florman, A. L., 14
 Flynn, F. V., 268
 Focosi, M., 321
 Foix, C., 196
 Foley, G. E., 169
 Foley, J. M., 45
 Follette, J. H., 78
 Follis, R. H., Jr., 65, 108
 Foote, F., 28
 Forbes, A. P., 264
 Forbes, M., 100, 103
 Ford, R. V., 288
 Foret, J., 380
 Forsham, P. H., 362, 417
 Forster, F. M., 404
 Forster, R. E., 216, 217
 Forsyth, B. T., 40
 Fortier, C., 365, 369
 Foster, G. E., 298, 299
 Foster, J., 312
 Fouracres, F. A., 173
 Fouts, P. J., 84, 170
 Fowler, W. M., 85
 Fowler, W. S., 215, 216, 219, 221
 Fox, H. M., 370
 Foy, J. R., 115
 Franceschetti, A., 328
 Francis, T., Jr., 11, 15
 Francois, J., 326
 Frank, H., 261, 297
 Frank, H. A., 377
 Frank, J. A., 81, 207
 Frank, R. L., 408
 Franklin, B. J., 20
 Franklin, J. W., 85
 Franklin, M., 37
 Franklin, W., 148
 Franks, L. M., 169
 Franksson, G. B., 403
 Fraser, W. W., 264
 Fraser Roberts, J. A., 172
 Frazer, A. C., 100
 Frederica, P., 390
 Fredzell, G., 225
 Free, A. H., 262
 Free, H. M., 262
 Freed, H., 407
 Freedman, R. I., 137
 Freedman, T., 36
 Freeman, L. W., 406
 Freeman, N. E., 87
 Freeman, W., 404
 Freis, E. D., 282, 283, 284, 287, 288, 289, 290, 414
 French, E. L., 10
 French, T. M., 204
 Frerejacque, M., 299
 Freund, J., 131, 142, 143
 Freyberg, R. H., 250
 Frick, P. G., 353
 Fried, J., 300
 Friedberg, C. K., 417
 Friedenber, Z. B., 409
 Friedenwald, J. S., 330
 Friedewald, W. F., 171
 Friedlander, E., 213
 Friedlander, W. J., 362
 Friedlich, A. L., 63, 217
 Friedman, A. P., 418
 Friedman, E. W., 37
 Friedman, H. H., 410

- Friedman, M., 414
 Friedmann, M. W., 213
 Frierson, H. R., 281
 Fritz, J. S., 304
 Fitzgerald, P. J., 16
 Frohardt, R. P., 169
 Frommhold, W., 233
 Froome, K., 45
 Frost, J., 220
 Fröhmann, E., 87
 Frumin, A. M., 170
 Fry, D., 392
 Fry, D. L., 215, 419
 Fuchs, D., 297
 Fuchs, L., 298
 Fulda, H., 39
 Fulda, M. O., 304
 Funch, R. B., 404
 Furrer, F., 297
 Furth, J., 82, 154, 161, 162, 163, 170
 Furuta, M., 418
 Fusari, S. A., 169
- G
- Gabinus, O., 9
 Gabrilove, J. L., 359, 365, 366
 Gabuzda, G. J., Jr., 41, 42, 44, 47
 Gaddum, J. H., 414
 Gadsden, E. L., 163, 170
 Gaebel, E., 233
 Gaebler, O. H., 265
 Gaensler, E. A., 217
 Gajdusek, D. C., 26
 Galambos, R., 412
 Galante, M., 417
 Galbraith, H. J. B., 172
 Galdston, M., 214, 219
 Galgano, A. R., 168
 Galinsky, I., 172
 Gall, E. A., 35
 Gallagher, T. F., 264
 Galligan, J. J., 70
 Gallo, D., 380, 381
 Galton, D. A. G., 84, 170
 Gambescia, J. M., 271
 Gampels, A. E. H., 13
 Ganguly, A. K., 302
 Gapta, M. L. S., 296
 Gard, S., 9
 Gardner, E. J., 172
 Gardner, F. N., 141
 Gardner, J. A. F., 299
 Gardner, J. F., 300
 Gardner, J. R., 271
 Garin, J. P., 342
 Garland, H., 195
 Garn, S. M., 400
 Garrett, H. E., 283
 Garret, N., Jr., 35
 Garrod, O., 363
 Gartland, J. J., 354
 Garzino, A., 319
 Gass, H. H., 226
- Gauld, R. L., 27
 Gauld, W. R., 81, 173
 Gauss, W., 170
 Geddes, I. C., 414
 Gedigk, P., 272
 Geffen, D. H., 7
 Geiger, E., 365
 Geiger, W. B., 128
 Geiling, E. M. K., 297
 Gell, P. G. H., 88
 Geller, H., 23
 Geller, W., 131
 Gelhorn, A., 83
 Gelhorn, E., 360, 361, 365, 366, 368
 Gellis, S. S., 19, 20, 21, 24, 337
 Gentsch, T. O., 61
 Georg, J., 220
 Gerisch, R., 56, 57
 Gershon-Cohen, J., 233
 Gersten, G., 411
 Ghadially, F. N., 155
 Ghezzi, G., 302
 Gianturco, C., 237
 Gibbon, J. H., Jr., 56, 57, 68
 Gibbon, M. H., 56
 Gibbons, T. B., 37
 Gibbs, D. F., 282
 Gibbs, F. A., 360
 Gibson, G., 245
 Gibson, S., 70
 Gifford, S., 370
 Giges, B., 38, 40, 43
 Gilbert, C., 109, 110
 Gilbert, L., 158
 Gilbert, R. P., 390
 Gilchrist Gibson, J. B., 320
 Giles, R. R., 385
 Gilfillan, R. S., 87
 Gillespie, J. E. O'N., 387
 Gillespie, J. F., 68
 Gillette, L., 232, 233
 Gillman, J., 109, 110
 Gilman, A., 394
 Gilmore, L. K., 13
 Gilson, J. C., 213, 218
 Ginder, D. R., 167, 171
 Ginsberg, H. S., 172
 Ginsberg, J. E., 316
 Ginsberg, J. R., 326
 Giobannoni, M., 328
 Girard, P., 295
 Girdwood, R. H., 172
 Gitlin, D., 50
 Givner, I., 315
 Glanzmann, E., 141
 Glaser, G. H., 362
 Glaser, J., 418
 Glass, G. J., 272
 Glassbrook, C. I., 295
 Glaubach, S., 163
 Glazer, H. S., 114, 115
 Glazier, F., 392
 Gledenberg, M., 413
 Glenn, D. L., 237
 Glenn, W. W. L., 61, 66
- Glick, D., 274
 Glick, J. H., Jr., 264
 Glover, R. P., 64, 70
 Gluckman, E. C., 164
 Glynn, J. H., 243
 Glynn, L. E., 104
 Gmelin, R., 298
 Goar, E. L., 326
 Goetz, R. H., 282, 284
 Gofman, J. W., 392
 Gohd, R. S., 385
 Golbey, M., 391
 Gold, J. J., 413
 Goldacre, R. J., 158
 Goldbach, H. J., 296
 Goldbaum, L. R., 303
 Goldberg, R. C., 163
 Goldblatt, H., 108
 Goldblum, N., 25
 Golden, A. G., 62
 Goldensohn, S. S., 270
 Goldfarb, A. R., 161
 Goldinger, J. M., 399
 Goldman, R., 281
 Goldshine, A. D., 287
 Goldsmith, E. L., 68
 Goldsmith, H., 68
 Goldstein, M. S., 370, 404
 Gollan, F., 57, 59
 Good, R. A., 131
 Goodman, J. I., 361, 399
 Goodman, L. S., 361
 Goodman, M. B., 22, 23
 Goodwin, J. F., 228, 230, 239
 Goodwin, W. E., 378, 379, 380
 Goolker, P., 370
 Gorbach, I. J., 24
 Gorbman, A., 161
 Gordan, B., 219
 Gordon, A. S., 366, 371
 Gordon, D., 169
 Gordon, G. S., 362
 Gordon, J. E., 385, 386
 Gordon, R. A., 58
 Gordon, S. G., 394
 Gore, D. N., 299
 Gore, I., 172
 Gothman, B., 61
 Götting, H., 267
 Gottlieb, K. R., 297
 Gould, R. G., 399
 Grabfield, G. B., 266
 Grabner, G., 390
 Grace, W. J., 98
 Grady, A., 235
 Graf, M. M., 265
 Graham, A. J. P., 284
 Graham, B. F., 370
 Graham, E. A., 165
 Graham, J. B., 353, 355
 Graham, J. G., 288
 Graham, R. M., 402
 Grain, G. O., 86
 Granados, H., 104, 107
 Granick, S., 398
 Grant, D. K., 361

- Grant, F. C., 368
 Grassmann, W., 267, 268
 Grau, J. C., 110
 Graves, G. Y., 162
 Gray, A., 15, 16, 18, 19
 Gray, L. H., 161
 Gray, T. C., 414
 Graybiel, A., 371
 Green, C. D., 163
 Green, H. D., 414
 Green, L. H., 221
 Green, R., 78
 Greenbaum, J. W., 269
 Greenberg, L. A., 113, 260
 Greenberg, L. D., 110, 113, 116
 Greenberg, M., 1, 28, 340
 Greenberg, N., 7
 Greenberg, R. M., 96
 Greenblatt, I. J., 259
 Greenblatt, M., 408
 Greene, A. E., 4
 Greene, H. S. N., 167
 Greenfield, J. G., 196
 Greenspan, B., 232
 Greenstein, J. P., 153
 Greenstein, N. M., 344
 Greenwood, W. F., 58
 Greer, M. A., 366
 Gregersen, M. I., 390
 Gregg, D. E., 67
 Gregory, J. D., 300
 Gregory, R. A., 387
 Grieg, A., 299
 Grieve, W. S. M., 285, 288
 Griffin, A. C., 156, 163, 402
 Griffith, G. C., 281
 Griffith, W. H., 108, 109
 Grimson, K. S., 290
 Grindlay, J. H., 37, 45, 226
 Grishman, A., 392
 Groan, J., 412
 Groissier, V. W., 80
 Grönvall, H., 315
 Gross, J., 360
 Gross, L., 81, 164, 167
 Gross, M., 61
 Gross, R., 68
 Gross, R. E., 55, 60, 62, 68
 Grossman, C. M., 417
 Grossmann, M. E., 235
 Gubler, C. J., 260
 Guck, J. K., 393
 Gudaitis, A., 115
 Gude, W. D., 163
 Gueft, B., 137
 Guérin, M., 166, 402
 Guerra, S. L., 246
 Guerrier, Y., 189, 190
 Guggenheim, L., 95, 96
 Guidry, D. J., 15
 Guilbert, P. W., 417, 418
 Guild, H. G., 324
 Guild, S. R., 188
 Guillemin, R., 365
 Guillot, P., 315
 Gunderson, F. O., 297
 Gunderson, T., 324, 325
 Gunther, F. A., 303
 Gunz, F. W., 83
 Gunzel, C., 299
 Gupta, A. N. Sen, see
 Sen Gupta, A. N.
 Gurnen, E. C., 7
 Gustafson, G. E., 161
 Gustafson, P. F., 162
 Gut, A., 328
 Guthrie, C. C., 55
 Gutman, A. B., 250, 251, 399
 Guttadauro, M., 231
 Guy, L. P., 335, 336
 György, P., 99, 100, 102, 103, 105, 108

 H
 Haagensen, N. R., 97
 Haas, J. S., 329
 Haas, R. B., 419
 Habel, K., 6
 Habermann, E., 299
 Habiv, D. V., 40
 Haddow, A., 153-86; 84, 153, 157, 159, 161, 170
 Hadler, H. I., 155
 Hadorn, W., 282
 Hafkenschiel, J. H., 283
 Hagan, E. C., 295
 Hagedorn, P., 296, 300
 Hagen, E. C., 156
 Hahn, E. O., 344
 Hahn, R. S., 67
 Hain, K., 344
 Halbert, S. P., 312, 320
 Hale, M. M., 260
 Hale, O. M., 110
 Halkett, J. A. E., 56
 Hall, B. D., 86, 347
 Hall, D. W., 28
 Hall, G. F. M., 18
 Hall, W. H., 162, 163
 Hallenbeck, G. A., 236
 Haller, J. A., Jr., 63
 Halliburton, W. E., 266
 Halliday, S. L., 84
 Hallowitz, E., 408
 Halmi, N. S., 163, 366
 Halperin, M. H., 282
 Halpin, L. J., 401
 Ham, W. T., Jr., 327
 Hamerman, D. J., 170
 Hamilton, E. C., 57
 Hamilton, H. E., 85
 Hamilton, L., 80
 Hamm, F. C., 237
 Hammon, W. McD., 4, 5
 Hammond, E. C., 165
 Hammond, J. B., 414
 Hamolsky, M. W., 24
 Hampil, B., 22, 23
 Hanan, R., 132
 Hanbery, J. W., 405
 Handler, P., 101, 107, 108
 Handley, R. S., 173
 Hanger, F. M., 412
 Hanlon, C. R., 64
 Hannig, K., 267, 268
 Hanok, A., 259
 Hanrahan, G. E., 208
 Hansen, A. E., 115
 Hansen, B., 86
 Hansen, J., 303
 Hansen, J. D. L., 336
 Hansen, L. P., 368
 Hansen, P. B., 164
 Hanser, S. A., 322
 Harchfield, R. D., 103
 Hardin, C. A., 146
 Hardin, E. B., 78
 Hardin, J. O., 105, 110
 Harel, J., 167
 Harfenist, E. J., 300
 Hargraves, M. M., 137, 396, 409
 Hargrove, E. A., 207
 Harington, M., 284, 285, 287, 288
 Harken, D. E., 65
 Harkins, H. G., 387
 Harkness, J., 272
 Harley, J. H., 162
 Harlin, H. C., 237
 Harnett, W. L., 165
 Harrington, J. A., 23
 Harrington, W. J., 140, 141
 Harris, A. P., 380
 Harris, C., 48, 97
 Harris, G. W., 364, 366, 368, 369
 Harris, H., 88, 268, 269, 420
 Harris, H. S., 162
 Harris, J. S. C., 64
 Harris, P. L., 98, 105, 107
 Harris, S., 19, 20
 Harris, T. N., 19, 20
 Harrison, H. C., 110
 Harrison, J. H., 169
 Harrison, M. H. M., 252, 253
 Harrison, R. C., 58
 Harrison, R. S., 339
 Hart, E. R., 415
 Hart, F. D., 248, 410
 Hart, P. L. de V., 172
 Hartley, L. J., 355
 Hartman, S., 259
 Hartroft, W. S., 108
 Hartung, E. F., 399
 Harvey, R. A., 170
 Harwerth, H. G., 169
 Hasek, J. R., 137
 Haskell, T. H., 169
 Hassall, C. H., 302
 Hassan, F., 268, 269
 Hassard, J., 322
 Hatch, T. F., 217
 Hauge, H., 314
 Haurowitz, F., 105, 401
 Hauschka, T. S., 154
 Hausmann, W., 300
 Havens, W. P., 46
 Hawkins, V. R., 114, 115

- Haworth, J. C., 18, 19
 Haxthausen, H., 129
 Hay, A. S., 157
 Hayden, E. P., 389
 Hayden, J. G., 284, 285, 287, 288
 Hayles, A. B., 19
 Haymaker, W., 190
 Haynes, B. W., Jr., 388
 Heald, F., 170
 Heathfield, K. W. G., 197
 Hechter, O., 365, 400
 Hedberg, E., 410
 Heffer, E. T., 343
 Heftmann, E., 299
 Hegnauer, A. H., 59
 Hegsted, D. M., 99, 112, 114, 397
 Heggström, G. J., 233
 Heideberger, C., 155
 Heilman, F. R., 416
 Heilmeyer, L., 169
 Heim, J. W., 371
 Heimbecker, R., 67
 Heinert, N. O., 8
 Heinrich, H. C., 399
 Heisler, A., 265
 Heiz, R., 297
 Heller, C. G., 368
 Hellerstein, H. K., 391
 Helmer, O. M., 361
 Helmholtz, H. F., 221
 Helmsworth, J. A., 56, 59, 230, 231
 Helper, H. N., 344
 Helweg-Larsen, P., 99
 Hemmings, A. W., 300
 Hempelmann, L. H., 88, 295
 Hench, P. S., 362
 Henderson, J. W., 318
 Hendricks, C. H., 410
 Hendry, J. A., 159
 Henkelekan, H., 387
 Henle, G., 19, 20
 Henle, W., 13, 19, 20, 22, 386
 Henley, F. A., 388
 Henly, W. S., 65
 Hennesen, W. A., 6
 Hennessy, A. V., 11
 Hensler, L., 290
 Henson, R. A., 172, 188, 197
 Henstell, H., 137
 Hepner, W. R., 411
 Herly, A. T., 131
 Herman, M., 213
 Hernández, A., 239
 Herrell, W. E., 416
 Herring, D. A., 281
 Herschfus, J. A., 147
 Hertz, R., 173
 Hervey, A., 300
 Herzheimer, H., 213
 Herzberger, E. E., 188, 190
 Heston, W. E., 167
 Hetherington, A., 364
 Heugsheim, C., 380
 Heve, E. L., 98
 Hewer, T. F., 366
 Heys, F. M., 335-58; 345, 387
 Hickman, K., 98, 105
 Hickman, K. C. D., 107
 Hicks, S. P., 116, 341
 Higgins, T. F., 284, 288
 Highman, B., 371
 Hild, W., 364
 Hill, A. B., 165
 Hill, E., 56, 57
 Hill, H. McD., 217
 Hill, J. M., 163
 Hill, K. R., 112, 165
 Hill, T. R., 197
 Hill, W. T., 155
 Hillegas, A. B., 169
 Hilleman, M. R., 13
 Hiller, A. E., 274
 Hillman, R. W., 40
 Hills, A. G., 413
 Hills, O. W., 95
 Hilts, S. V., 85
 Himsworth, H. P., 103, 104, 105, 106, 112
 Himwich, H. E., 360
 Hinde, I. T., 88
 Hindman, S. M., 346
 Hinman, F., 381
 Hinton, J. W., 67
 Hirdes, J. J., 212
 Hirsch, E. O., 140, 141
 Hirson, C., 192, 195
 Hitchings, G. H., 171
 Hoagland, H., 362
 Hoaglin, L., 165
 Hobza, J., 304
 Hoch, M., 271
 Hoch, P. H., 201
 Hodes, H. L., 169
 Hodgens, E., 80
 Hoecker, F. E., 162
 Hoelzel, F., 97, 98
 Hoff, E. C., 302, 403
 Hoffbauer, F. W., 48
 Hoffer, A., 202
 Hoffman, A., 100
 Hoffman, G., 85
 Hoffman, W. C., 362
 Hoffmeyer, H., 99
 Hogan, A. G., 116
 Hogan, M. J., 323, 326, 328
 Hoiden, W. S., 231
 Hollander, F., 98
 Hollander, J. L., 244, 247, 417
 Hollander, V. P., 169
 Hollingsworth, J. W., 140
 Hollinshead, W. H., 368
 Holloway, A., 6
 Holman, E., 63
 Holman, R. T., 114
 Holmes, J. H., 59
 Holmgren, H., 324
 Holt, C. J., 387
 Holt, L. E., 113
 Holt, M. C., 285
 Holtorf, A. F., 265
 Holubitsky, W. H., 284, 288
 Homburger, F., 153, 169, 171
 Homer, R. F., 159
 Hoobler, S. W., 280, 281, 392
 Hooper, J. M. D., 336
 Hoorweg, P. G., 354
 Hoover, R., 324
 Hopkins, F. G., 112
 Hopps, J. A., 58, 60
 Hornberger, 67
 Horning, E. S., 162
 Hornykewytsch, T., 233
 Horrigan, D. L., 83
 Horstmann, D. M., 3, 4
 Horwitt, B. N., 169
 Horwitt, M. K., 95, 111
 Hosford, J., 289
 Hosier, R. M., 71
 Hosker, M. E., 157
 Hotchkiss, R. S., 394
 Houck, G. H., 85, 86, 347
 Houser, H. B., 344
 Houssay, B. A., 364
 Hove, E. L., 105, 107, 110
 Howard, A., 160, 281
 Howard, H. C., 297
 Howard, J. M., 43
 Howard, R. B., 50
 Howard, R. P., 366
 Howell, J. S., 188, 189
 Howell, R. S., 22, 23
 Hoyle, L., 13
 Hsia, D. Y. Y., 19, 20, 21, 24, 337
 Hsiang, C. M., 6
 Hsu, H. K., 352, 353
 Huang, T., 303
 Hubble, D., 366
 Huber, K., 233
 Hudelo, A., 317
 Huebner, R. J., 9, 13
 Hueper, W. C., 164, 165
 Huerga, J. de la, 103, 107, 109, 164
 Huff, R. L., 85
 Hufnagel, C. A., 60, 61, 66, 68
 Hufner, R., 162
 Huggert, A., 336
 Huggins, C., 169, 403
 Hughes, C. W., 40, 61
 Hughes, H. B., 351
 Hugh-Jones, P., 213, 214
 Hugonot, R., 321
 Huguenin, R., 172
 Huizenga, K. A., 280
 Hulse, E. V., 221
 Hume, D., 369, 384
 Hume, D. N., 7
 Hummel, K., 9, 10
 Humphreys, C. H., 11, 70
 Humphreys, E. M., 169
 Humphries, A. W., 239

Hunt, A. H., 40, 236
 Hunt, J. S., 386
 Hurley, R. E., 361
 Hurst, E. W., 140, 144
 Husfeldt, E., 69
 Huss, R., 8
 Hutt, M. S. R., 85
 Hyatt, G. W., 60
 Hyatt, R. E., 389
 Hyde, R. W., 201

I

Ikkos, D., 362
 Imaeda, K., 296
 Inderbitzin, T., 87
 Ingalls, T. H., 27, 116, 335, 418
 Ingle, D. J., 368, 370
 Ingle, D. W., 370
 Ingraham, F. D., 363
 Ingram, W. R., 364
 Inhoffen, H. H., 155
 Innis, J., 81, 170, 173
 Io, M., 302
 Irby, W. R., 249
 Irwin, D. T., 39
 Irwin, J. W., 401
 Isaacs, J. P., 63
 Ishidate, M., 304
 Israëls, M. C. G., 173
 Israëlski, M., 173
 Itkin, S., 221
 Iversen, K., 97
 Iversen, P., 413
 Iversen, S., 154
 Iwanoff, W., 297

J

Jackson, H., 201
 Jackson, J. F., 88
 Jackson, R. W., 103
 Jackson, S. H., 260
 Jackson, W. P. U., 111
 Jacobi, M., 327
 Jacobs, K. G., 28, 339
 Jacobsen, E., 112
 Jacobson, L. O., 50, 83, 413
 Jacobson, S. D., 226
 Jacqueline, F., 251
 Jahnke, E. J., 61
 Jahnke, E. J., Jr., 40
 Jailer, J. W., 413
 Jakubec, J., 296
 James, A., 284
 Jaminet, F., 297, 299
 Jamison, W. L., 66
 Janeway, C. A., 23
 Janota, M., 6
 Janssen, P., 302
 Janton, O. H., 64
 Jaques, L. B., 127, 395
 Jaretzki, A., III, 61
 Jargens, J., 70
 Jarrold, T., 114, 115
 Jatzkewitz, H., 299
 Jawetz, E., 1, 15, 26
 Jeanneret, R. L., 80
 Jeffers, W. A., 413
 Jeffrey, R. N., 298
 Jeker, K., 220
 Jenkins, D., 79, 169
 Jennings, E. C., Jr., 295
 Jensen, J. L., 98
 Jensen, K. B., 297, 299
 Jensen, K. E., 11
 Jensen, L. C., 84, 170
 Jensen, O., 29
 Jentsch, K., 299
 Jernstad, A., 299
 Jerslev, V., 303
 Jervis, G. A., 6, 144
 Jessar, R. A., 244, 247, 417
 Jetter, W. W., 88
 Jindra, A., 296
 Job, J. C., 345
 Joffe, A., 85
 Johannessen, D. W., 169
 Johanson, B., 383
 Johanson, C., 226
 Johnansson, K. R., 100
 Johns, T. N. P., 71
 Johnson, A. M., 203
 Johnson, C. R., 260
 Johnson, F. B., 388
 Johnson, I., 290, 291
 Johnson, J., 64, 229
 Johnson, J. A., 297
 Johnson, J. F., 8
 Johnson, R. L., 283, 289, 290
 Johnsson, T., 9
 Johnston, A. W., 172
 Johnston, C. S., 403
 Johnston, D. H., 100
 Johnston, M. W., 98
 Joiner, C., 291
 Jones, A., 161
 Jones, A. C., 411
 Jones, A. P., 351
 Jones, A. R., 395
 Jones, A. T., 221
 Jones, B. F., 371
 Jones, D. W., see Wallace-Jones, D.
 Jones, E., 204
 Jones, E. A., 400
 Jones, F. A., 36
 Jones, M., 206
 Jones, P. H., see Hughes-Jones, P.
 Jones, R. H., 264
 Jones, R. N., 157, 303
 Jones, R. S., 155
 Jones, T. S. G., 298
 Jonez, H. D., 144
 Jongbloed, J., 56
 Jönsson, G., 230
 Jordal, B., 29
 Jordan, P. H., 239
 Jordan, W. K., 404
 Jordan, W. R., 192
 Jørgensen, J. S., 86
 Joseph, E., 380

Joseph, R., 328
 Jost, A., 341
 Jude, A., 295
 Judson, W. E., 290
 Juhász, J., 164
 Jukes, T. H., 100, 398
 Julian, O. C., 239, 393, 406
 Jull, J. W., 157
 Jung, C. G., 204, 206

K

Kabat, E. A., 133, 142, 143, 270
 Kabza, T. G., 281
 Kahler, H., 167
 Kaine, H. D., 370
 Kalckar, H. M., 398
 Kallber, M. H., 361
 Kalmansohn, R. B., 347
 Kambe, S., 162, 418
 Kamei, M., 110
 Kampen, E. J. van, 302
 Kampitsch, E., 259
 Kampmeier, R. H., 63
 Kanzer, M., 408
 Kaplan, H. S., 161
 Kaplan, L., 169
 Kaplan, M. A., 401
 Kaplan, S., 56, 59
 Kappert, A., 282
 Karasic, J., 69
 Karawia, M. S., 304
 Karcik, R. M., 80
 Kark, R. M., 38, 50, 111
 Karlin, I. W., 406
 Karlson, K. E., 56, 57, 68
 Karnell, J., 230
 Karnofsky, D., 403
 Karnofsky, D. A., 84, 170, 171
 Karnofsky, R. E., 233
 Karrer, P., 297
 Kartin, B. L., 95
 Kartka, W. H., 326
 Karus, H., 26
 Kasdon, S. C., 169
 Kashima, T., 304
 Kass, E. H., 401
 Kastl, K., 380
 Katz, L. N., 391
 Katz, R., 48, 50
 Katz, S., 25
 Katzenstein, L., 386
 Katzin, H. M., 324
 Katzman, P. A., 264
 Kaufman, J. J., 380
 Kaufman, M., 291
 Kaunitz, H., 108
 Kauntze, R., 291
 Kavanagh, F., 300
 Kay, M. N., 173
 Kay, S., 302
 Keating, F. R., Jr., 361
 Kebrle, J., 297
 Keeton, K. H., 283
 Keiden, S. E., 18, 19

- Keil, P. G., 230, 233
 Kelemen, E., 79
 Kellaway, C. H., 127
 Keller, F., 300
 Keller, N. A., 272
 Kelley, K. H., 235
 Kelley, R. T., 284, 288
 Kelley, V. C., 370
 Kellog, M., 98
 Kelly, K. H., 39, 80, 81, 82, 84, 87, 169, 170, 172
 Kelty, K. C., 82
 Kempe, C. H., 18, 19
 Kendall, A. C., 173
 Kendall, D., 198
 Kendall, E. C., 362
 Kennamer, R., 391
 Kennedy, F., 144
 Kennedy, G. C., 96
 Kennedy, J. A., 324
 Kennedy, M. C. S., 212
 Kennell, J. H., 24
 Keown, K. K., 59
 Kepler, E. J., 264
 Kern, S. F., 303
 Kernohan, J. W., 196
 Kerr, A., 391
 Kerr, L. M. H., 50
 Kershaw, B. B., 164
 Kessler, M., 360
 Kety, S. S., 215
 Keuning, F. J., 131
 Keutmann, E. H., 83
 Keys, A., 392, 397
 Khan, M. A., 290
 Kibrick, A. A., 259
 Kidd, E. G., 250
 Kidd, J. B., 167
 Kieffer, R. F., Jr., 70
 Kieler, J., 99
 Kielley, W. W., 398
 Kiely, J. M., 86
 Kiem, I., 6
 Kietley, W. R., 361
 Kilbourne, E. D., 9
 Kilham, L., 167
 Kilpatrick, J. A., 285, 288
 Kimura, S., 328
 Kimura, S. J., 326
 Kind, T. E., 397
 King, B. D., 415
 King, E. E., 361
 King, E. J., 412
 King, J., 169, 170
 King, J. T., 70
 Kinsella, R. A., Jr., 264
 Kipkie, G. E., 189
 Kirby, A. R., 226
 Kirby, C. K., 64
 Kirch, E. R., 299
 Kirk, D., 9
 Kirk, E., 43
 Kirk, P. L., 295-310; 300, 301, 302
 Kirkman, H., 162
 Kirkpatrick, H. F. W., 304
 Kirschbaum, A., 161
 Kirschvink, J. F., 361
 Kirshen, M. M., 87
 Kirsner, J. B., 389
 Kirwin, T. J., 394
 Kishore, N., 411
 Kitchell, R. L., 340
 Kitts, A. W., 19, 21
 Klatskin, G., 112, 113
 Klebanoff, S. G., 404
 Kleckner, M. S., 49
 Klein, H., 88
 Klein, M., 164, 325
 Klein, R., 362
 Klementschtz, W., 299
 Klemperer, P., 136, 137, 396
 Klenow, H., 398
 Klevstrand, R., 297
 Klimt, C. R., 4
 Kline, D. L., 80
 Kline, N. S., 208
 Kling, C., 8
 Klinge, F., 136
 Klingman, W. O., 270
 Kloff, W. J., 377
 Klohs, M. W., 300
 Klopp, C. T., 415
 Klouwen, H., 302
 Klug, H. L., 103
 Knedel, M., 267, 268, 296, 300
 Knight, G. F., 295
 Knight, V., 20
 Knott, J. M. S., 220
 Knowlton, A. I., 401
 Knowlton, M., 46, 271
 Knowlton, N. P., 88
 Knudsen, M. P., 169
 Kobak, D., 411
 Koch, F. C., 264, 265
 Koch, J., 298
 Koch-Weser, D., 103, 107
 Koenig, R. A., 260
 Koepsell, H. J., 169
 Koga, S., 302
 Kohberger, D. L., 169
 Kohn, J. L., 172
 Koke, M. P., 328
 Kokko, U. P., 7
 Kolb, L. C., 143
 Koletsky, S., 161, 173
 Kolff, W. J., 394
 Koller, F., 395
 Kolmer, J. A., 416
 Kolsek, J., 302
 Kometani, K., 299
 Konar, N. R., 39
 Koneff, A. A., 163
 Konovalova, A. A., 297
 Konovalova, R. A., 297
 Konætt, H., 282
 Kopeloff, L. M., 143
 Kopeloff, N., 143
 Koprowski, H., 6, 144
 Korngold, L., 130
 Korns, R. F., 2, 22, 23, 28
 Korpásky, B., 157, 164
 Korteweg, R., 165
 Koryta, J., 304
 Koster, S., 300
 Kotin, P., 166
 Kraft, D., 299
 Krarup, N. B., 413
 Krauss, R., 169
 Krayner, O., 281
 Krebs, A. T., 162
 Krebs, H. A., 397, 398
 Kreisler, O., 95
 Kremer, M., 197
 Kreyberg, H. J. A., 165
 Krispell, K. R., 97
 Kriss, M., 96
 Krook, H., 37
 Kroop, I. G., 344
 Krugman, S., 28, 339, 340
 Krumbach, R. W., 235, 238
 Krumbholz, L. A., 161
 Kruse, I., 107
 Kubie, L., 201, 208
 Kugelmann, B., 95
 Kuhn, P. H., 287
 Kuhn, R., 99
 Kuhns, W. J., 132, 133
 Kuizenga, M. H., 370
 Kulwich, R., 100
 Kuna, A., 81
 Kunkel, G. H., 267
 Kunkel, H. E., 295
 Kunkel, H. G., 35-54; 37, 38, 42, 46, 47, 48, 49, 50
 Kunkel, W. M., 420
 Kunkler, P. B., 84, 170
 Kuntz, A., 403
 Kurnick, N. B., 87, 137
 Kurtz, H., 15
 Kusafuka, S., 299
 Kyker, G. C., 413

L

- Labby, D. H., 47
 Lacassagne, A., 155
 LaClair, J. B., 295
 Lacy, M. H., 69
 La Forge, F. B., 261
 Lagonoff, D., 6
 Lahann, H., 399
 Lahey, M. E., 260
 Laidlaw, J. C., 79
 Lambermont, J., 390
 Lame, E. L., 83
 Landes, M. J., 84
 Landing, B. H., 21, 400
 Landis, C., 404
 Landow, M., 270
 Lane, R. A. G., 409
 Lang, L. P., 219
 Langdell, R. D., 355
 Lange, R. D., 82
 Langham, W. H., 295
 Langstroth, G. O., 264
 Lanier, J. C., 15
 Lanman, B. M., 70
 Lanman, J. T., 335, 336, 400

- Lanphier, E. H., 221
 Lapin, L., 410
 Lappe, R. J., 267
 Laqueur, E., 264
 Lardy, H. A., 359, 399
 Largent, T., 56
 Larmande, A., 321
 Larsen, C. D., 163
 Larson, D. L., 83, 131
 Larson, R. K., 140
 Larzelere, H. B., 64, 66
 Lasch, F., 282
 Lasch, H.-G., 170
 Lasker, G. W., 261
 Lasker, M., 261
 Lathrop, F. D., 189
 Latner, A. L., 269
 La Tourette, K. A., 85
 Latte, B., 321
 Lattes, R., 189
 Laudaner, K. S., 6
 Laudon, J. F., 28
 Laufer, A., 137
 Laugrost, B., 303
 Laurance, B., 18
 Laurent, C., 165
 Laverigne, V. de, 323
 Lavin, G., 297
 Law, L. W., 167, 402
 Lawday, D., 299
 Lawrence, H. S., 129
 Lawrence, I. H., 45
 Lawrence, J. H., 85, 403
 Lawrence, J. S., 78
 Laws, J. O., 157
 Lawson, D., 173
 Lazar, M., 28, 339
 Leadbetter, W. F., 402
 Learmonth, Sir J., 36
 Leathart, G. L., 215
 Leatham, J. H., 410
 Le Breton, R., 303
 Lecompte, P. M., 188, 189
 Lederer, E., 301
 Lederer, M., 300, 301
 Ledinko, N., 2
 Lee, R. B., 163
 Lee, S. L., 87, 137
 Leedham, C. L., 26
 Le Fevre, F. A., 239
 Leftwich, C. L., 19
 Léger, J., 226
 Leguerinais, G., 165
 Lehey, B. D., 311
 Lehman, H. E., 208
 Leibowitz, S., 20, 347
 Leighninger, D. S., 67
 Leinfelder, P. J., 327
 Leininger, C. R., 70
 Lemon, H. M., 402, 412
 Lennox, B., 197
 Leone, L. A., 84
 Leone, N. C., 22, 23, 47
 Leopold, I. H., 296, 316
 Lepine, P., 10
 Lepkovsky, S., 93-124; 98,
 108
 Lepow, I. H., 135
 Lepper, M. H., 47
 LeQuesne, L. P., 414
 Leslie, A., 413
 Lesnick, G. J., 380
 Lesses, M. F., 24
 Lester, D., 113, 260
 LeStrange, R., 300, 301
 Leuchtenberger, C., 137
 Leusen, I., 389
 Levan, A., 154
 Levant, A. J., 299
 Levene, P. A., 261
 Levi, L., 297, 304
 Levin, L., 97
 Levin, S., 271
 Levine, B., 77
 Levine, R., 370, 404
 Levine, S. A., 414
 Levinson, S. O., 6
 Levitt, T., 360
 Lewin, E., 362
 Lewis, A. A. G., 394
 Lewis, B., 402
 Lewis, F. J., 59, 68
 Lewis, G. E., 156
 Lewis, J. B., 295
 Lewis, J. L., 6, 80
 Lewis, L. A., 137, 173
 Lewis, N. G., 361
 Lewis, R. A., 362
 Lhermitte, J., 195
 Li, C. H., 163, 367
 Li, C. P., 6
 Li, J. G., 80
 Lichtman, A., 169
 Lichtwitz, L., 360
 Lick, N., 137
 Lieberman, J. E., 47
 Lieberman, S., 264, 400
 Lief, P. A., 303
 Lien-Keng, K., 168
 Likoff, W., 67
 Littenfield, L. S., 284, 288,
 289, 290
 Lillenthal, J. L., Jr., 420
 Lilljencrantz, E., 371
 Lillehei, C. W., 58, 69
 Lim, R. K. S., 364
 Limarzi, L. R., 168
 Lin, P., 226
 Lincoln, C., 409
 Lincoln, E. M., 352
 Lind, J., 225
 Lindauer, M. A., 283
 Lindberg, C. A., 377
 Lindegård, B., 400
 Lindeman, R. J., 321
 Linden, E., 99
 Linder, G. C., 112
 Lindgren, E., 228, 238
 Lindsay, J., 339
 Lindsay, J. R., 404
 Lindsay, W. K., 58
 Lindsley, D. B., 407
 Ling, C. T., 114
 Linke, A., 170
 Linton, R. L., 36
 Linton, R. R., 393
 Lipman, A. E., 302
 Lippmann, O., 321
 Lipton, M. A., 408
 Lipton, M. M., 131, 143
 Lisco, H., 161
 Liss, M., 298
 Litchfield, J. W., 285
 Litter, J., 282
 Littman, A., 81
 Liu, C. K., 140
 Liu, O., 13
 Livingston, S., 362
 Ljunggren, H., 362
 Lloyd, B. J., 167
 Lloyd, L. A., 322
 Lloyd-Thomas, H. G. L., 48
 Locatcher-Khorazo, D.,
 312, 320
 Locke, F. B., 2, 22
 Lockett, S., 285, 288
 Loeb, R. F., 369
 Löffler, W., 290
 London, I. M., 395
 Long, C., 99
 Long, C. N. H., 110, 264
 Long, J. H., 136
 Long, P. H., 325
 Longino, L. A., 173
 Longland, C. J., 409
 Longmire, W. P., Jr., 71
 Longworth, L. G., 269
 Looney, W. B., 162
 Lopez-Botet, Von E., 220
 Lord, J. W., 67
 Lord, P. J., 289
 Lorentzen, C., 35
 Lorentzen, F. V., 221
 Lorr, M., 407
 Lotto, W. N., 43
 Loughlin, E. H., 415
 Louis, L. H., 370
 Louzan, J., 189
 Love, J., 386
 Love, J. G., 406
 Loveland, D. B., 402
 Loveless, A., 158
 Low-Beer, B. V. A., 81, 169
 Lowell, F. C., 147, 148, 212
 Lowenthal, A., 197
 Lown, B., 414
 Lowry, P. T., 262
 Loyke, H. F., 281
 Lozner, E. L., 140, 142, 396
 Lubbers, J., 188
 Lubin, R. I., 215
 Lubing, H. N., 349
 Lubschev, R., 344
 Lucas, C. C., 101, 109, 112
 Lucia, E. L., 81, 403
 Luckey, T. D., 100, 103
 Ludford, R. J., 158
 Ludwig, A. W., 271
 Ludwig, E. H., 4
 Luedke, A. J., 340
 Luetscher, J. A., Jr., 366

Luft, R., 169, 362
 Luisada-Opper, A. V., 262
 Lukes, R. J., 385
 Lumb, G., 162
 Lumsden, C. E., 142
 Lundbaek, K., 97
 Lundberg, L., 297
 Lundgren, N., 189
 Lundström, R., 27
 Lurie, P. R., 70
 Lynn, R. B., 59
 Lyons, J. W., 408
 Lyons, W. G., 289
 Lyons, W. R., 116, 117

M

Mabille, P., 157
 McAllister, F. F., 67
 McAllister, R. M., 4, 5
 McArthur, J. W., 361
 McArthur, M. W., 361
 MacArthur, P., 19, 28, 340
 Macaskill, J., 191
 MacAusland, W. R., 354
 McBay, A. J., 303
 McBirnie, J. E., 58
 McCafferty, D. E., 155
 MacCallum, F. O., 17, 19, 23
 McCallum, R. W., 3, 24
 MacCare, A. D., 17
 McCarthy, K., 17, 18, 19, 340
 McCarty, M., 135
 Maccio, I., 299
 McClain, M. E., 8
 McClure, R. D., Jr., 39
 McCombs, R. P., 198
 McConnell, A. A., 7
 McCrae, A. D., 7
 McCubbin, J. W., 390
 McCune, W. S., 60
 McCutchan, G. R., 405
 McDermott, W. V., Jr., 42, 44, 45
 McDevitt, E., 405
 MacDonald, A., 17
 McDonald, A. M., 19
 McDonald, D. B., 157
 McDonald, D. F., 403
 McDonald, H. J., 267, 300, 301
 McDonald, J., 298
 McDonald, J. C., 156
 McDonald, J. M., 416
 McDonald, J. R., 420
 McDonald, M. H., 43, 45
 McDonough, F. E., 414
 MacDougall, I. P. M., 172
 McDowell, F., 146
 McEachern, D., 198
 McElhany, G. C., 297
 McEwen, C., 247
 McFarlan, A. N., 19
 McFarland, R. A., 371
 Macfarlane, R. G., 353
 MacFate, R. P., 412
 McGavack, T. H., 265
 McGoon, D. C., 65
 McGrath, H., 112, 113
 McGuire, J., 230, 231
 Macheboeuf, M., 299
 McHenry, E. W., 114
 Macht, D. I., 201
 McIlroy, M. B., 215
 MacInnes, D. A., 269
 McIntire, F., 128
 MacIntosh, D. J., 217, 221
 McKay, D. G., 131
 McKay, E., 95
 McKay, E. M., 359-376; 385-420
 McKay, L. L., 385-420
 McKee, J. W., 409
 Mackenfuss, R., 28
 McKennedy, J. B., 4
 McKenzie, B. F., 19
 Mackenzie, C. G., 104
 McKenzie, D., 84
 Mackey, W. A., 285, 288, 289
 McKinlay, P. L., 165
 McKinney, G. R., 78, 164
 McKinnon, N. E., 168
 McKittrick, D. S., 110
 McKusick, V. A., 391
 MacLachlan, L. A., 264
 McLaurin, R. L., 363, 405
 McLean, J. M., 327
 MacLeod, E. K., 363
 McLorinan, H., 10, 28
 MacMahon, H. E., 48, 61, 198, 295
 McMichael, J., 47, 283, 284, 285, 288, 289
 McMillan, I. K., 59
 MacMurray, F. G., 323, 342, 346
 McNair, J. D., 281
 McNair Scott, T. F., 1-34
 McNeeley, W. F., 65
 McNichol, J. W., 146
 McOmie, J. F. W., 301
 MacPherson, A., 60
 McQuarrie, I., 362
 McQueen, D. A., 59
 McQueen, E. G., 288, 291
 Madden, J. L., 393
 Maddox, C. K., 327
 Mader, P., 166
 Madison, L., 360, 393
 Madsen, S., 22
 Magarey, F. R., 188, 189
 Magill, P. L., 295
 Magoun, H. W., 364
 Mahaffey, J. H., 388
 Mahoney, C. L., 164
 Majib, A.-H., 170
 Makstenieks, O., 12
 Malbin, B., 417
 Malesh, W., 300
 Maley, G. F., 359
 Mallek, H., 320
 Mallek, J., 320
 Malley, G., 416
 Malloy, H. T., 262
 Malmgren, R. A., 164
 Malmö, R. B., 404
 Malone, T. P., 205
 Maloney, J. V., Jr., 55-76
 Malow, L., 389
 Man, E. B., 95
 Mandel, H. G., 171
 Mangold, F., 19, 20
 Maniglia, R., 65
 Mankin, H., 40
 Mann, F. C., 45
 Mannery, F. J., 398
 Manning, J. A., 68
 Mantz, T. P., 380
 Marazzi, A. S., 415
 Marbach, E. P., 267
 Marble, A., 49
 Marchal (de Calvi), 192
 Marchant, J., 163
 Mardones, J., 113
 Maren, T. H., 42
 Marescaux, J., 365
 Margileth, A., 386
 Marie, P., 196
 Marion, L., 303
 Mark, L. C., 303
 Markee, J. E., 368
 Marks, V., 22
 Markunas, P. C., 304
 Marliss, P. R., 100
 Marlow, A. A., 168
 Marrangoni, A. G., 60, 61
 Marrazzi, A. S., 361, 364, 365
 Marrazzi, R. N., 361, 364, 365
 Marrian, P. M., 98
 Mars, G., 254
 Marsh, D. F., 281
 Marshall, A. H. E., 156
 Marshall, I. H., 386
 Marshall, R., 214, 215
 Marshall, S. F., 387, 402
 Martel, A. E., 259
 Martelle, R. R., 386
 Martensson, J., 86
 Marti, L. A., 362
 Martin, H., 79
 Martin, M. M., 192
 Martin, P., 188, 190
 Martin, S. P., 78
 Martin, W. B., 68
 Martinie-Dubousquet, J., 341
 Masiola, A. D., 3
 Mason, D. F. J., 284
 Mason, E. D., 85
 Mason, G. D., 409
 Mason, H. L., 43, 264, 362
 Mason, K. E., 104
 Mason, R. M., 249, 251
 Mason, R. W., see Wyburn-Mason, R.
 Masse, L., 304

- Massell, B. F., 385
 Masserman, J. H., 408
 Massey, F. C., 65
 Master, A. M., 281, 391
 Masul, M., 304
 Mathes, P., 299
 Mathews, W. H., 420
 Mathieson, D. R., 362
 Matson, D. D., 405
 Matson, M. D., 363
 Matsuoaka, S., 162
 Mattson, L. N., 303
 Matzner, M. J., 98
 Maughes, S. B., 408
 Maujol, L., 165
 Maumenee, A. E., 324, 328, 329
 Mautner, L. S., 86
 Mayer, C. F., 26, 27
 Mayer, G., 304
 Mayer, J., 94, 95, 96, 397
 Mayneord, W. V., 168
 Maxfield, R. G., 402
 Maxwell, R. D. H., 283, 284, 288, 289
 Mayo, P. de, 268
 Mead, J., 215
 Meade, G. M., 416
 Meakins, J. C., 214
 Meanock, I., 249
 Medawar, P. B., 145, 146
 Mednicoff, I. B., 141
 Meduna, L. J., 203, 206, 207
 Meecham, R. J., 155
 Meeker, I. A., 173
 Mehn, W. H., 232
 Meier, R., 283
 Meilman, E., 281, 392
 Melamed, S., 170
 Melby, R., 157
 Mellon, M. G., 260
 Mellot, M., 98
 Melnick, J. L., 2, 7, 8, 10, 385
 Melot, G., 230
 Melrose, D. G., 59
 Mendel, B., 169
 Mendel, D., 212
 Mendel, J. L., 83
 Menely, C. R., 57
 Menendez, C. V., 393
 Menzel, A. E. O., 132
 Merendino, K. A., 40, 388
 Mergier, J., 317
 Merrill, S. J., 131
 Merrill, J. P., 377, 384
 Merrill, K., Jr., 60
 Merritt, H. H., 404
 Merville, R., 304
 Mesnard, P., 299
 Messent, D., 239
 Metals, 302
 Metianu, C., 71
 Metraux, J., 281
 Metro, S. J., 295
 Mettler, S. R., 81, 403
 Meuris, M., 390
 Meyer, H., 169
 Michael, S. R., 137
 Michaelis, L., 107
 Michas, P. A., 216
 Michel, R., 359, 401
 Middelkamp, J. N., 340
 Middlemiss, J. H., 39, 236
 Mider, G. B., 402
 Mighall, S. J., 369
 Mikkelsen, W. M., 326
 Mikuta, J. J., 394
 Milanese, B., 239
 Miles, J. A. R., 19, 25
 Miller, A. H., 2
 Miller, B. F., 377, 384
 Miller, B. J., 56
 Miller, B. S., 297
 Miller, E. C., 154, 155, 156, 157
 Miller, E. R., 235
 Miller, G., 48
 Miller, G. F., 36
 Miller, H., 86, 347
 Miller, H. H., 56, 61
 Miller, J. A., 154, 156, 157
 Miller, J. M., 325
 Miller, K. F., 346
 Miller, L. L., 104
 Miller, R., 368, 370
 Miller, R. D., 221
 Miller, S. I., 288, 290, 291
 Mills, E. H., 20
 Mills, L. C., 281, 290, 291
 Millwood, E. G., 325
 Milne, M. D., 412
 Milner, B., 404
 Milnor, W. R., 65
 Milzer, A., 6
 Minangoy, R., 303
 Mincks, J. R., 35
 Mindlin, R. L., 14
 Ming, C., 21
 Minnich, V., 140, 141
 Minot, A. S., 261
 Minz, B., 361
 Mirick, G. S., 20
 Mirsky, I. A., 364, 368, 370
 Mist, S. H., 128
 Mitchell, C. B., 22, 23
 Mitchell, E. R., 371
 Mitchell, G. L., Jr., 417
 Mitchell, H. H., 112
 Mitchell, J. H., Jr., 164
 Mitchell, L. C., 299
 Mitchell, R. G., 79
 Mlczech, F., 385
 Modest, E. J., 169
 Moeller, H. C., 389
 Moerlose, P. de, 298, 299
 Moeschlin, S., 168, 169
 Moeschlin, V. S., 81
 Moister, F. C., 282
 Molinelli, E. A., 364
 Mollaret, P., 345
 Molle, L., 300
 Moloney, W. C., 82, 418
 Molony, C. J., 115
 Molumphy, P. E., 411
 Mommaerts, E. B., 167
 Mommaerts, W. F. H. M., 419
 Monge, C., 371
 Monroe, R. T., 219
 Montagu, J. D., 408
 Montgomery, H., 409
 Montgomery, V., 59
 Moolton, S. E., 138
 Moon, H. D., 163
 Moore, A. E., 171
 Moore, C. V., 140, 141
 Moore, D. H., 15, 270
 Moore, G. E., 39, 163
 Moore, H. G., 388
 Moore, J. G., 318
 Moore, R. D., 87
 Moore, R. J., 164
 Moore, S., 50
 Moore, T., 105
 Moore, W. A., 322
 Moore, W. J., 389
 Morales, P. A., 394
 Morandi, L., 80
 Moreno, G. Ruiz, 148
 Morgagni, G., 62
 Morgan, A. D., 317
 Morgan, C., 15
 Morgan, C. C., 170
 Morgan, I. M., 142
 Morgan, J. G., 164
 Morgan, R. H., 413
 Moriarty, J., 206
 Moritz, A. R., 60
 Morningstar, W. A., 84
 Morris, D., 23
 Morris, H. P., 157, 163
 Morrison, B., 285, 288
 Morrison, L. R., 143
 Morrison, M., 139
 Morrissey, D. M., 392
 Morrow, J. D., 291
 Morrow, J. H., 290
 Mortensen, J. D., 394
 Morton, R., 137
 Moschowitz, E., 392
 Moscovitz, H. L., 173
 Moser, M., 281
 Moser, R. H., 43
 Mosonyi, M., 157, 164
 Moss, M. L., 260
 Moss, W. G., 282
 Mostofi, F. K., 163
 Motley, H. L., 214, 219
 Motohashi, N., 302
 Moulton, M. J., 50
 Mount, F. W., 349, 350
 Mouquin, M., 225
 Mowrer, O. H., 203
 Moxon, A. L., 103
 Moyer, A. W., 6
 Moyer, J. H., 281, 288, 290, 291
 Mrak, E. J., 98
 Mudrik, P., 87
 Muehrcke, R. C., 80

Mueller, G. C., 156
 Mueller, J. F., 114, 115, 399
 Muhlbock, O., 162, 166, 167
 Mukherjee, S., 296
 Muller, H. W., Jr., 71
 Müller, W., 299
 Muller, W. H., 60
 Mullin, E. W., 351
 Mullin, W. G., 415
 Mullins, L. J., 415
 Munier, R., 299
 Muralt, A. von, 406
 Muratori, F., 233
 Murison, P. J., 169
 Murphey, F., 409
 Murphy, D. P., 172, 418
 Murphy, E. A., 288
 Murphy, J. S., 13
 Murphy, L., 171
 Murphy, M. L., 84
 Murphy, R. V., 84
 Murphy, W. P., 22
 Murphy, W. T., 169
 Murray, G., 68
 Murray, J. E., 419
 Murray, R., 22, 23, 47
 Murtagh, F., 226
 Mustard, R. A., 387
 Mustard, W. T., 56, 418
 Myers, D. K., 169
 Myers, G. B., 368
 Myers, G. S., 63, 217
 Myers, J. A., 148
 Myers, J. D., 37
 Myers, R. O., 407

N

Nabarro, J. D. N., 84
 Nabatoff, R. A., 60, 61, 393
 Nadas, A. S., 343
 Nadeau, G., 260
 Naffziger, H. C., 169, 401
 Naftalin, J. M., 108, 109, 111,
 113
 Nagai, H., 301
 Nagamatsu, G., 381
 Naghschi, J., 298
 Naiditch, M. J., 385
 Nanson, E. M., 39, 236
 Nantin, G., 8
 Napoli, J. A., 300
 Nassberg, S., 410
 Natelson, R. P., 83
 Nathanson, I. T., 108, 265
 Nay, J., 112
 Neal, W., 83
 Neatrour, R., 115
 Neefe, J. R., 19, 22, 23, 47,
 271, 385
 Neerken, A. J., 231
 Negus, V. E., 412
 Nelson, A. A., 156
 Nelson, C. B., 321
 Nelson, C. E., 56, 57, 68
 Nelson, D., 371
 Nelson, D. J., 6

Nelson, L. M., 131
 Nelson, M. M., 115, 117
 Nelson, R. M., 56, 57, 68
 Nelson, R. S., 46, 47, 48
 Nelson, T. S., 401
 Nenna, A., 86
 Neptune, W. B., 58, 59, 69
 Nesbitt, R. M., 236, 394
 Nesbitt, T. E., 236
 Neuberger, A., 104
 Neuhauser, E. B. D., 343
 Neumann, C. G., 67
 Neva, F. A., 24
 Newburgh, L. H., 98, 102
 Newell, F. W., 411
 Newman, W., 393
 News, G. H., 14, 349
 News, G. R., 244
 Newstadt, D. H., 400
 Newton, B. L., 172
 Newton, M. A., 164
 Ngai, S. H., 418
 Nicholas, L., 386
 Nickel, W. F., 40, 41, 42
 Nielsen, A., 165
 Nielson, J. M., 405
 Nilsson, G., 260
 Noad, K. B., 190
 Nobrega, P., 328
 Norden, G., 155
 Nordenström, B., 221
 Nordling, C. O., 154
 Nordlow, W., 318
 Norris, R. F., 22, 23, 99
 Norris, W. P., 162
 Norton, T. W., 6
 Norymberski, J. K., 245
 Novak, E. R., 162
 Novelli, G. D., 399
 Núñez, V. B., 231
 Nurick, A. W., 233
 Nygaard, K. K., 389

O

Oberling, C., 153, 166, 167,
 402
 O'Brien, D., 320, 336
 O'Brien, D. J., 250
 O'Brien, J. R. P., 397
 Ochs, L., 360, 393
 O'Dea, A. E., 298
 Odel, H. M., 361, 377
 Odenthal, F., 282
 Oegonomos, N. O., 63
 Oelbaum, M. H., 172, 366
 Oestreicher, P. M., 304
 Oginsky, E. L., 107
 Ohara, E., 301
 Okada, M., 299
 Okey, R., 108
 Okui, S., 302
 Oldham, P. D., 218
 Olfelt, P. C., 235
 Oliphant, J. W., 22, 23
 Olitsky, P. K., 6
 Olivcrona, H., 169

Olsen, A. M., 36
 Olson, C., Jr., 167
 Olson, K. B., 148, 221
 Olson, R. E., 106, 108
 Olsson, O., 227
 Olwin, J. H., 239
 O'Neal, M. A., 163
 O'Neill, T. J. E., 64, 70
 Opfer-Schaum, R., 296
 Opie, E. L., 128
 Oppenheimer, B. S., 163
 Oppenheimer, E. T., 163
 Oppenheimer, F., 6
 Oppen, A. V. L., see
 Luisada-Opper, A. V.
 Oppermann, K. C., 81, 403
 Orange, E. M., 260
 Orgain, E. S., 290, 415
 Orloff, T. L., 233
 Ormancey, J., 298
 Ormsby, H. L., 322
 Ornstein, G. G., 213
 Orr, F., 261
 Orr, J. W., 163
 Orr, S. F. D., 155
 Ortega, P., 169
 Osborn, J. J., 340
 Osgood, E. E., 80, 86, 396
 Osmond, H., 201, 202
 Ostoplak, M., 9
 O'Sullivan, W. D., 39
 Otis, A. B., 215, 419
 Ott, W. H., 108
 Oudot, J., 239
 Overholser, W., 408
 Owen, A. P., 36
 Owen, J. A., Jr., 97
 Oyaas, J. E., 169
 Oyama, J., 132
 Ozanics, V., 324, 361

P

Pack, G. T., 403
 Padavanti-Iyer, S., 70
 Paffenbarger, R. S., Jr.,
 3, 8
 Page, I. H., 138, 283, 390,
 391, 392
 Paige, B. H., 98
 Paine, R. S., 23
 Palay, S. L., 364
 Paldrock, H., 409
 Palm, P. E., 217
 Palmer, E. D., 35, 36, 39,
 40, 388
 Palmer, J., 287, 288
 Palmer, J. G., 80
 Palmer, W. L., 389
 Palumbo, L. T., 389, 393
 Panzenhagen, H., 80
 Papanicolaou, G., 172
 Papineau-Couture, G., 300
 Pappenheimer, A. M., 132
 Pappenheimer, J. R., 217
 Papper, E. M., 303, 418
 Pariser, S., 87, 137

- Park, J. H., 388
 Park, W. E., 321
 Parker, H. L., 196
 Parker, J., 316
 Parker, R. T., 417
 Parr, W. H., 299
 Parrott, R. H., 13
 Parshley, M. S., 60
 Parson, V., 97
 Parsons, L., 411
 Partenope, E. A., 284, 288, 289, 290
 Partridge, M. W., 296, 298
 Paschkis, K. E., 366, 368
 Pate, J. W., 60, 61
 Patek, A. J., Jr., 40
 Paterson, E., 84, 170
 Patey, D. H., 233
 Patley, H., 249
 Paton, A., 37
 Paton, W. D. M., 283
 Patt, H. M., 413
 Patterson, P., 21
 Patterson, W. I., 299
 Patz, A., 327
 Paul, J. R., 7
 Paul, M., 389
 Paul, R. E., 389
 Paul, W. D., 37
 Paulsen, A., 299
 Paulsen, L., 282
 Paulssen, M. M. P., 354
 Pauncz, A., 408
 Payne, F. L., 395
 Payne, J. H., 387
 Payne, M. A., 39, 48
 Payne, R., 140
 Peace, R. J., 85
 Peacock, S. M., Jr., 415
 Pearson, J., 157
 Pearson, O. H., 169
 Pearson, P. B., 100
 Peanasky, R., 399
 Pearson, S., 265
 Pechet, M. M., 169
 Peck, F. B., 361
 Peck, M. E., 231
 Pedowitz, P., 410
 Peebles, T. C., 26
 Peebles Brown, R. A., 248
 Peirce, E. C., 11, 55, 56, 57, 59, 60, 62
 Pelc, S. R., 160
 Pelota, P., 254
 Pembroke, R. H., Jr., 269
 Pencharz, R., 108
 Pengra, R. M., 103
 Penick, G. D., 355
 Pennell, R. B., 22
 Pennes, H. H., 201, 202
 Penness, H. H., 415
 Penrod, K. E., 59
 Penrose, L. S., 418
 Pennington, A. W., 84, 95, 98
 Pereira, R. S., 260
 Pereira, H. G., 13
 Pereyra, L., 314
 Perez-Stable, E., 239
 Perkins, G., 254
 Perlman, H. B., 404
 Perlo, V. P., 406
 Perlestein, M. A., 415
 Perlelweig, W. A., 100
 Perry, H. M., Jr., 138, 291
 Pers, M., 381
 Peters, J. P., 95
 Peters, V., 371
 Peterson, D. H., 264
 Peterson, R. E., 246
 Peterson, S., 170
 Petracek, F. J., 300
 Petrakis, N. L., 77, 82, 83, 84, 87, 169, 170, 172
 Petrovitch, A., 365
 Pette, H., 4
 Pfister, K., 6
 Phalen, G. S., 239
 Phelps, V. R., 419
 Phillips, F. S., 84, 170, 171
 Phillips, G. B., 42, 44, 47
 Phillips, N. E., 371
 Phillips, P. H., 397
 Phillips, R. F., 173
 Phillips, R. W., 86, 347
 Pickett, R. D., 43
 Pickford, M., 364, 365
 Pillemer, L., 135
 Pinck, B. D., 394
 Pincus, G., 97, 359, 365, 366, 400
 Pinker, R. H., 303
 Pinnering, J. L., 85
 Pirani, C. L., 393
 Pirwitz, J., 168
 Pisani, T. M., 142
 Pischel, D. K., 331
 Piskur, M. M., 397
 Pittman, M., 349
 Pitt-Rivers, R., 360
 Pitts, J., 68
 Pitts, J. L., 71
 Pizzo, A., 155
 Plachta, A., 67
 Plamondon, C. A., 360
 Plantin, L. O., 403
 Platonova, T. F., 297
 Plenk, H. P., 172
 Plentl, A. A., 411
 Ploberger, U., 397
 Pluckthun, H., 267
 Podesski, B., 25
 Pöhm, M., 298
 Pohorsky, J., 296
 Poinso, R., 191
 Pöldre, A., 9
 Pollack, A. D., 136
 Pollack, M. R., 19
 Pollard, F. H., 301
 Pollard, M., 6, 171
 Polley, H. F., 362
 Polley, V. B., 59
 Pollister, A. W., 137
 Pomeranz, A. A., 68
 Pomeroy, B. S., 321
 Poncher, H. G., 168
 Ponder, E., 395
 Ponsdomenech, E. R., 231
 Pope, C. G., 414
 Poppel, M. H., 233
 Poppen, J. L., 189
 Popper, H., 103, 107, 164, 388
 Porporis, A. A., 236
 Porter, R. W., 365, 366
 Porter, W. L., 298
 Poser, C. M., 347
 Posnick, D., 302
 Posselt, A. E., 164
 Poth, E. J., 380
 Post, J., 40
 Post, O., 300
 Potts, A. M., 325
 Potts, W. J., 56, 70
 Powell, G. M., 385
 Power, M. H., 362
 Powers, S., 70
 Prange, I., 107
 Praither, G. C., 394
 Prat, J., 298
 Pratt, A. W., 167
 Pratt, G. H., 393
 Pratt, R. T. C., 197
 Prescott, B., 266
 Pressman, D., 130, 147
 Price, A. M., 172
 Price, W. E., 238
 Pritchard, S., 197
 Prindle, R. A., 116
 Prinzmetal, M., 391
 Pritchard, J. A., 410
 Pritchett, J. H., Jr., 314
 Prodder, S. H., 95
 Pröft, F., 290
 Prout, C. T., 408
 Pugh, R. C. B., 14, 349
 Pullman, A., 155
 Pullman, B., 155
 Purshottam, N., 27, 335
 Puschel, C., 233
 Putnam, F. W., 85
 Pyrah, L. N., 157, 169

Q

- Qualfe, M. L., 397
 Quilligan, J. J., Jr., 14
 Quinn, E. L., 86
 Quiram, E. R., 295
 Quirin, L. F., 393

R

- Rabiner, N. M., 270
 Rabinovitch, R. D., 408
 Rack, F. J., 35, 380
 Radner, S., 227
 Radomski, J. L., 295
 Raeburn, C., 165
 Raffel, S., 131
 Raftery, M., 86
 Ragiot, C., 191

- Rahler, C., 390
 Rahn, H., 215
 Rai Chaudhuri, M. N., 290
 Ralle, R. B., 370
 Raiman, R. J., 401
 Raimondo, N., 318
 Rals, H., 321
 Rakoff, A. E., 368
 Ramioul, H., 169
 Rammelkamp, C. H., Jr., 134, 344
 Ramsay, D. A., 303
 Ramsay, W. N. M., 50
 Ramstad, E., 299
 Rand, C. W., 173
 Randall, C. L., 28
 Randall, H. T., 40, 169, 403
 Randolph, T. G., 401
 Rands, R. D., 297
 Rankin, K. H., 226
 Ranson, S. W., 364
 Rantz, L. A., 385
 Rappaport, A. M., 43, 45
 Rapport, M. M., 413
 Rasmussen, G., 165
 Rath, C. E., 50
 Ratner, B., 133, 401
 Ratner, F., 22, 23, 47
 Ratnoff, O. D., 40
 Ravdin, I. S., 403
 Raven, R. W., 317
 Raventos, J., 415
 Ray, E. T., 392
 Read, L. J., 399
 Read, R. C., 58, 69
 Reagan, J. W., 87
 Reber, W. E., 59
 Redondo-Ramirez, H. P., 64
 Redslob, E., 328
 Reeve, R. H., 167
 Reeves, N., 314
 Regan, E., 316
 Reid, D., 131
 Reid, V., 87
 Reifstein, E. C., 361
 Reifstein, E. C., Jr., 264
 Reilly, H. C., 169
 Reilly, J., 345
 Reimers, F., 297
 Reiner, M., 85, 262, 266, 269
 Reinhardt, D. J., 139
 Reinhold, J. G., 22, 23, 271
 Remmele, W., 397
 Renfer, H. R., 237
 Renzetti, A., 217
 Restall, P. A., 283, 284, 285, 288
 Revell, S. H., 160
 Reyman, M. M., 148
 Reynes, V., 191
 Reyniers, J. A., 100, 103
 Reynold, O. E., 371
 Reynolds, J. T., 411
 Reynolds, T. B., 36, 37
 Reynolds, W. E., 46
 Rhein, H. C., 260
 Rheinlander, H. F., 60
 Rhian, M., 103
 Rhoads, C. P., 84, 166, 168, 169, 171, 264
 Rhodes, A. J., 2, 4
 Rhodes, K., 165
 Rich, A. R., 136, 137
 Rich, C. B., 284, 288
 Rich, H., 339
 Richard, J., 191
 Richards, D. W., 215, 216
 Richards, D. W., Jr., 148
 Richards, O. W., 412
 Richardson, A. P., 283
 Richardson, E. M., 413
 Richardson, H. L., 163
 Richardson, M. W., 221
 Richins, C. A., 403
 Richmond, H., 137
 Richter, C. P., 112
 Riddell, A. G., 44, 45
 Riddick, J. A., 304
 Rider, J. A., 389
 Rider, W. D., 170
 Ridley, F., 323
 Ridley, H., 327
 Ridout, J. H., 101, 109, 112
 Riegel, B., 155
 Riehm, W., 323
 Riemenschneider, P. A., 189
 Riese, W., 403
 Rigby, G., 299
 Riggs, C. D., 406
 Rigler, L. G., 225, 235
 Rijssel, T. G. van, 167
 Riker, W. L., 56, 60, 70
 Riley, E. A., 416
 Riley, C. M., 316
 Riley, J. F., 79
 Riley, M. C., 217
 Riley, R. L., 216, 217
 Rimington, C., 127
 Rinehart, J. F., 110, 113, 116
 Rinfret, A. P., 163
 Ringsted, A., 104
 Rinkel, M., 201
 Riordan, J. T., 7
 Ripley, H. S., 191
 Risley, H. A., 105
 Ritchie, A. C., 161
 Rivas, M. R., see Ruiz Rivas, M.
 Rivers, T. M., 141
 Robbins, F. C., 6
 Robbins, L., 162
 Robbins, W. J., 300
 Roberts, D. C., 157
 Roberts, J., 170
 Roberts, J. A. F., see Fraser Roberts, J. A.
 Roberts, J. I. C. S., 7, 8
 Roberts, S., 410
 Robertson, C. H., 163
 Robertson, E., 288
 Robertson, E. G., 10, 11, 228
 Robertson, G. G., 340
 Robertson, G. W., 215
 Robinson, A. H., 409
 Robinson, C. S., 95
 Robinson, F., 228
 Robinson, K. C., 361
 Robinson, R., 296
 Robinson, S., 409
 Roblin, R. O., Jr., 414
 Robson, H. N., 81, 173
 Robson, M., 63
 Roca-Garcia, M., 6
 Roche, J., 359, 401
 Roche e Silva, M., 127
 Roden, A. J., 13
 Rodewald, G., 221
 Rodman, G. P., 106
 Roe, F. J. C., 164
 Roethli, A., Sr. de, 316, 317
 Rogers, B. O., 146
 Rogers, H. E., 259
 Rogers, S., 163
 Rohn, R. J., 84, 170
 Roisin, L., 404
 Roka, L., 79
 Rollo, J., 192
 Rometke, A., 299, 302
 Romer, M., 20
 Romien, M., 364
 Rondeau, J. L., 3
 Rønnow-Jessen, V., 288, 289
 Roofe, P. G., 162
 Root, H. F., 195
 Root, S. W., 80
 Root, W. S., 395
 Rose, C. S., 99, 108
 Rose, D. K., 236
 Rose, F. L., 159
 Rose, H. M., 15
 Rose, J. C., 284, 288, 289, 290
 Rosen, J. N., 205
 Rosen, L., 2
 Rosenak, B. D., 43
 Rosenbaum, H. D., 343
 Rosenberg, E. F., 399
 Rosenberg, L. S., 236
 Rosenfeld, G., 127
 Rosenfield, R. E., 395
 Rosenhalm, F. R., 59
 Rosenheim, M. L., 284, 285, 287, 288
 Rosenthal, L., 408
 Rosenthal, M. C., 354
 Rosenthal, N., 354, 396
 Rosenthal, O., 413
 Rosenthal, R. I., 396
 Rosenwasser, H., 188, 189
 Ross, D. A., 360
 Ross, J. F., 86
 Ross, J. P., 406
 Ross, M., 259
 Ross, O. A., 135
 Ross, R. C., 157
 Ross, R. S., 391
 Ross, W. C. J., 158, 170
 Rossi, L., 235
 Roth, G. M., 361

- Roth, J. S., 110
 Roth, L. J., 417
 Roth, L. W., 128
 Rothbaler, A. B., 364
 Rothlin, E., 282
 Rothwell, W. S., 111
 Rottger, E., 362
 Rottino, A., 85, 269
 Rous, P., 167
 Rousselot, L. M., 236, 392, 393
 Roux, M., 155
 Roversi, A. S., 254
 Rowbotham, G. F., 226
 Rowe, C. R., Jr., 290
 Rowe, W. P., 13
 Royce, R., 236
 Royer, R., 157
 Rubenstone, A. I., 170
 Ruberman, W., 80
 Rubin, S., 295
 Rudali, G., 155, 157
 Ruffin, J. M., 100
 Ruiz Rivas, M., 237, 378
 Rukes, M., 417
 Rumball, J. M., 84, 170
 Rundles, R. W., 78, 168, 361
 Ruof, C. H., 297
 Rupp, C., 404
 Rusch, H. P., 156
 Russ, F. H., 237
 Russell, D. S., 197
 Russell, L. B., 341
 Russell, R. E., 95, 96
 Russell, W. L., 341
 Rust, J. H., 161
 Ruys, A. C., 169
 Ruzicka, F. F., 236
 Ryan, J. C., 304
 Ryder, A., 169
- S
- Sabel, A. E., 98
 Sabin, A. B., 4, 6, 7, 8, 342
 Sabiston, D. C., Jr., 65
 Sacharow, W. R., 360
 Sacks, M. S., 396
 Sagher, F., 198
 Saifer, A., 270
 St. George, S., 414
 Salaman, M. H., 164
 Salinger, S., 412
 Salk, J. E., 6
 Salmon, G. W., 345
 Salmon, W. D., 105, 107, 110
 Salonikedes, N., 221
 Saltzmann, A. H., 264
 Salvessen, B., 299
 Salvessen, S., 299
 Salzman, E., 231
 Sampey, J. R., 155, 164
 Samueloff, M., 221
 Samuels, M. L., 347
 Samuelson, O., 296, 301
 Sanders, M., 6, 321
 Sandin, L. B., 157
 Sano, T., 67
 Santavy, F., 304
 Santiago, E. P., 140
 Santoni, A., 321
 Sapara, V., 297
 Sapin, S. O., 169
 Sarles, W. B., 99
 Sartwell, P. E., 8
 Sataloff, J., 411
 Sather, G. E., 4
 Sato, T. R., 301
 Sauberlich, H. E., 171
 Saul, L. J., 408
 Saunders, B. C., 295
 Saunders, J. W., 284
 Saunders, L., 297
 Saunders, M., 354
 Sautter, J. H., 340
 Sautter, V., 10
 Savage, O., 243
 Saville, S., 288
 Sawyer, C. H., 368
 Sawyer, P. N., 60, 61
 Saxen, E. A., 163
 Saxton, G. A., Jr., 215
 Sayers, G., 362, 365, 371
 Sayers, M. A., 365
 Saywell, L. G., 260
 Sborov, V. M., 40, 43, 47
 Scalfi, L., 321
 Scanlan, R. L., 404
 Scannell, J. G., 63, 217
 Scarborough, R. A., 389
 Scarf, R. F., 157
 Schaaf, R. S., 390
 Schabel, F. M., Jr., 169
 Schaefer, G., 87, 411
 Schaeffer, A. E., 107, 110
 Schaeffer, M., 6
 Schaffer, F. L., 8
 Schajowicz, F., 252
 Schamberg, I. L., 366
 Scharrer, B., 364
 Scharrer, E., 364
 Schechter, F. R., 366
 Scheibler, T. H., 364
 Schele, H. G., 312, 329
 Schein, J., 370
 Scheinberg, I. H., 50, 395
 Schenkel, S., 302
 Scherf, D., 391
 Schick, B., 269
 Schiff, L., 233
 Schill, G., 297
 Schiller, I. W., 147, 212
 Schilling, R. F., 399
 Shimert, G., Jr., 282
 Schissel, D. J., 230
 Schlezinger, N. S., 362
 Schlichter, J., 391
 Schlosser, J. V., 169
 Schmall, M., 300
 Schmid, H., 297
 Schmid, J., 397
 Schmidt, F., 220
 Schmidt, H., 29
 Schmidt, K. H., 170
 Schmidt, L. H., 351
 Schmidt, W. J. H., 58
 Schmidt, W. M., 386
 Schmitt, O. H., 391
 Schmitz, E. J., 61
 Schnaper, H. W., 283, 289, 290
 Schneider, H. G., 300
 Schneider, M., 161
 Schnitzer, R. J., 416
 Schoenberger, J. A., 38
 Schoenmackers, J., 230
 Schoental, R., 164
 Schofield, A. L., 311
 Scholz, E., 296, 300
 Schönander, G., 225
 Schotman, A. J. H., 297
 Schou, P., 411
 Schrall, K., 321
 Schreck, E., 328
 Schreglmann, A., 299
 Schreiner, L., 404
 Schroeder, H. A., 138, 283, 290, 291, 392
 Schrum, D. L., 15
 Schulman, S., 407
 Schultz, O. E., 298, 304
 Schulz, D. M., 386
 Schumacher, E. E., 86
 Schuman, H., 57, 59
 Schute, J. B., 299
 Schützenberger, M. P., 165
 Schwab, R. S., 360
 Schwarting, A. E., 298
 Schwartz, H., 302
 Schwartz, H. G., 226
 Schwartz, I. L., 97
 Schwartz, K., 102, 108, 109
 Schwartz, L. I., 87, 137
 Schwartz, M., 133
 Schwartz, M. K., 412
 Schwartz, R., 42, 45, 47
 Schwartz, S. O., 50, 85
 Schwartzbach, G., 259
 Schwarz, K., 102, 106, 108, 110
 Schweizer, M., 80
 Schwenker, F. F., 141
 Schwerin, P., 105
 Schwerdt, C. E., 8
 Schwippert, H., 169
 Scism, G. R., 265
 Scott, H. W., Jr., 71
 Scott, J. W., 59
 Scott, M., 226, 404
 Scott, R. C., 231
 Scott, T. F., McN., 15, 16, 18, 19
 Scroggie, A. E., 127
 Seaman, A. J., 80
 Seaman, W. B., 226
 Sebrell, W. H., 94
 Sédallian, P., 342
 Sédan, J., 315, 323
 Sédan-Bauby, S., 323
 Seebeck, E., 300

- Seeborn, P. M., 132
 Seegmiller, J. E., 45
 Seeley, S. F., 40, 61
 Segal, H. L., 366
 Segal, M. S., 147
 Segaloff, A., 169
 Selenkow, H. A., 360
 Seligman, A. M., 377
 Seligson, D., 43
 Selkurt, E. E., 394
 Sellars, E. A., 163
 Selle, W. A., 409
 Sellors, T. H., 65, 70
 Seltzer, H. S., 370
 Selverstone, B., 50
 Selving, B. T., 261
 Selye, H., 369
 Selzer, A., 69
 Semmes, R. E., 409
 Semrad, E. V., 407
 Sen Gupta, A. N., 39
 Sensesbach, W., 360, 393
 Serlin, L., 413
 Setter, V., 156
 Severinghaus, J. W., 217
 Sezzer, F. N., 25, 314, 321
 Shackman, N. H., 139
 Shaffer, J. M., 47
 Shaffer, R. N., 328
 Shanks, E. D., Jr., 314
 Shapiro, B., 97
 Shapiro, D., 238
 Shapiro, D. M., 171
 Shapiro, H. D., 85
 Shapiro, R., 228, 232
 Sharma, S. N., 299
 Sharp, D. G., 167, 386
 Sharp, G. R., 6
 Shatkin, J., 38
 Shaughnessy, H. J., 6
 Shaw, C. C., 85
 Shaw, G. B., 285, 288, 289
 Shaw, M. B., 239
 Shaw, R. E., 173
 Shay, H., 46, 84, 170, 233
 Shear, M. J., 171
 Shedlovsky, T., 269
 Sheedy, J. A., 385
 Sheehan, H. L., 363, 365
 Shelley, W. B., 409
 Shen, I. H., 270, 272
 Shen, S. C., 171
 Sheppard, P. M., 172
 Sher, I. H., 272
 Sherlock, S., 36, 37, 38, 45, 47, 48
 Sherman, R. T., 56
 Sherman, W. B., 132
 Shils, M. E., 109
 Shimkin, M. B., 81, 82, 84, 169, 170, 172, 403
 Shinefield, H. R., 340
 Shipley, R. A., 108
 Shinder, B. L., 393
 Shonk, C. E., 108
 Shropshire, R. F., 327
 Shub, H., 82
 Shubik, P., 155, 161
 Shulman, M. H., 144
 Shumaker, H. B., Jr., 70
 Shuman, C. R., 366
 Shy, G. M., 198
 Sieber, H. A., 290
 Siegel, A., 59
 Siegel, M., 7
 Sien, D. C. H., 84
 Sigel, M. M., 14
 Sights, R., 38
 Silberman, D. E., 133
 Silberman, H., 299
 Silver, C. P., 231
 Silverberg, R. J., 3, 7
 Silvis, R. S., 402
 Simeone, F. A., 35, 380
 Siminoff, R., 302
 Simkin, B., 361
 Simmonds, F. A., 366
 Simmonds, M., 362
 Simmonds, W. J., 38, 397
 Simmons, E. H., 56
 Simmons, J. H., 363
 Simonin, 302
 Simonnet, H., 416
 Simonson, E., 391
 Simpson, C. L., 156
 Simpson, L., 164
 Simpson, M. E., 163, 366, 367
 Sinclair, R. G., 106
 Sinder, R. B., 414
 Singer, E. M., 98
 Singer, J. L., 404
 Singer, K., 396
 Singer, S., 171
 Singh, I. D., 45
 Sinkoff, M. W., 97
 Sirek, A., 418
 Sirnes, T. B., 113
 Sirota, J. H., 251
 Sjogren, B., 362
 Sjogren, H., 316
 Sjogren, S. E., 227
 Sjosted, T., 390
 Skaggs, J. T., 125-52
 Skavlem, J. H., 351
 Skipper, H. E., 83, 164, 169, 171
 Sklaroff, D. M., 233
 Skoryna, S. C., 157
 Slanetz, C. A., 108
 Slater, E., 408
 Slater, R. J., 49
 Slater, S. R., 343
 Slavson, S. R., 408
 Slesinger, M. H., 82
 Sloan, R. D., 39, 62, 236
 Sloane, B., 201
 Slocumb, C. H., 362
 Slothowski, E. L., 18
 Slotow, M. S., 360
 Smadel, J. E., 417
 Smelser, G. K., 324, 361
 Smiddy, F. G., 169
 Smirk, F. H., 279-94; 281, 282, 283, 284, 285, 287, 288, 289, 290, 291
 Smith, A. H., 96
 Smith, C., 323
 Smith, C. A., 336, 388
 Smith, C. H., 396
 Smith, C. W., 221
 Smith, E., 361
 Smith, E. L., 397
 Smith, F., 114
 Smith, G. F., 260
 Smith, J., 94
 Smith, J. F., 173
 Smith, J. M., 125-52
 Smith, J. R., 389
 Smith, K. A., 158
 Smith, L. S., 326
 Smith, M. G., 348
 Smith, N., 84, 170
 Smith, O. C., 301
 Smith, O. W., 169
 Smith, P. G., 238
 Smith, P. W., 231
 Smith, R. F., 113
 Smith, S., 111, 377
 Smith, W. E., 167
 Smith, W. M., 419
 Smolens, J., 316
 Smukler, N., 247
 Smyth, H. F., Jr., 296
 Smythies, J., 201, 202
 Snapper, L., 173
 Snavely, J. G., 35
 Snell, E. E., 114, 115, 399
 Sniffin, R. C., 366
 Snyder, H. B., 290, 291
 Snyderman, S. E., 113
 Sobanski, J., 323
 Sobel, A. E., 259
 Sobel, E. H., 361
 Sobotka, H., 257-78; 262, 266, 269, 270, 272
 Soffer, A., 413
 Soffer, L. J., 359, 362, 365, 366
 Sokoloff, L., 415
 Solari, M. A., 148
 Soloff, L. A., 347
 Solomon, H. C., 201, 407, 408
 Somerville, W., 65
 Sommers, S. C., 189
 Somerville, I. F., 264
 Sondergaard, E., 107
 Söndergaard, T., 69
 Sonn, C., 312, 320
 Sontag, L. W., 400
 Soroff, H. S., 40
 Sorsby, A., 328
 Soules, A. B., 130
 Soulie, P., 390
 Southam, C. M., 171
 Southcott, R. V., 3
 Southwell, N., 220
 Southworth, J. L., 56, 57
 Souttar, S. E., 55
 Spaeth, E. B., 312
 Spahn, P., 320

- Spain, J. D., 163
 Spain, W. C., 132
 Spanner, D. C., 154
 Sparks, B. B., 86
 Sparks, S. J., 84
 Speckman, T. W., 162
 Speer, F. D., 82
 Speirs, R., 80
 Spencer, H., 165
 Spiegel-Adolf, M., 404
 Spiers, F. W., 162
 Spies, H. W., 47
 Spiesman, M. G., 389
 Spitzer, R. H., 267
 Spizizen, J., 22
 Spoerer, A., 50
 Sprague, C. C., 141
 Sprague, R. G., 362
 Spratt, N. T., Jr., 400
 Spreng, D. S., 56, 57, 68
 Sprinz, H., 46, 47, 48
 Sproull, M., 128
 Sprunt, D. H., 141
 Srivastava, R. S., 297
 Stable, E. P., see
 Perez-Stable, E.
 Stack-Dunne, M. P., 359,
 365, 400
 Stadie, W. C., 398
 Stadler, H., 46
 Stafford, J. L., 165
 Stagwell, R., 415
 Stahl, A., 364
 Stämpfli, R., 406
 Stanger, D. W., 155
 Stanger, W., 155
 Stankiewicz, R., 323
 Stanley, W. M., 8
 Stanton, J. R., 282
 Stapleton, T., 336
 Stare, F. J., 114, 397, 398
 Starling, H., 38
 Starr, P., 361
 Staub, A., 361
 Stauffer, H. M., 233
 Stauffer, M. H., 49
 Stavely, H. E., 300
 Stead, W. W., 215, 419
 Stebbins, M. R., 6
 Stebbins, R. B., 114
 Stecher, R. M., 243-56
 Steel, A. E., 296
 Steels, M., 207, 214, 219
 Steelman, S. L., 361
 Stefanini, M., 80, 140, 141,
 393
 Steigman, A. J., 7, 385
 Stein, M., 364, 368, 370
 Stein, W. H., 50
 Steinbach, H. L., 39, 235
 Steinberg, A., 366
 Steinberg, I., 228, 230
 Steinbocker, O., 400, 410
 Steinbrocker, O., 249
 Steiner, M. M., 327
 Steiner, P. E., 169
 Steiner, R., 259
 Steiner, R. E., 228, 230, 239
 Stekol, J., 100
 Stekol, J. A., 103
 Stelos, P., 85
 Stenbäck, A., 408
 Stendahl, A., 405
 Stender, H. S., 233
 Stephen-Lewis, F., 295
 Sterk, V. V., 25
 Stern, E. R., 142
 Stern, K. G., 85, 269
 Stern, S., 265
 Sternberg, S. S., 171
 Sterns, N. S., 281
 Stetten, D., Jr., 97
 Stevens, M. L., 84
 Stevens, R. C., 173
 Stevenson, I., 201-10; 391
 Stevenson, J. A. F., 97
 Stevenson, W. J., 11
 Stewart, C. P., 274, 297
 Stewart, F. G., 98
 Stewart, F. W., 172
 Stewart, H. J., 391
 Stewart, S. E., 167
 Stewart, W. B., 109
 Stibbe, P. D., 346
 Stickle, A. W., 322
 Stickler, G. B., 19
 Stickney, J. C., 370
 Stickney, J. M., 86
 Stimson, P. M., 8, 349
 Stock, C. C., 168, 169, 171,
 402
 Stock, J. A., 170
 Stockard, C. R., 116, 338
 Stocks, P., 165, 166
 Stoddard, M. B., 16
 Stokes, J., Jr., 4, 19, 21, 22
 Stokstad, E. L. R., 100, 398
 Stoll, A., 300
 Stoll, B. A., 169
 Stoll, W. A., 201
 Stolman, A., 297
 Stolzer, B. L., 48
 Stone, P. W., 67
 Stone, R. E., 411
 Stone, R. S., 162
 Stone, R. W., 214, 215
 Storaasli, J. P., 87
 Storey, G., 250
 Stortebecker, T. B., 144
 Stössel, H. U., 233
 Stout, A. P., 163
 Strafford, N., 295
 Strain, H. H., 301
 Stranahan, A., 148, 221
 Strassman, G. S., 412
 Strength, D. R., 107
 Strich, S. J., 172
 Strisower, B., 392
 Strohecker, R., 297
 Strominger, J. L., 96
 Strong, F. M., 300
 Strong, G., 315
 Strong, L. C., 160
 Strong, W. R., 60, 61
 Stroud, S. W., 264
 Stroud, W. D., 415
 Strugila, L., 100
 Stuhlberg, C. S., 14
 Stunkard, A. J., 98
 Suchoff, D., 269
 Sugar, O., 361, 405
 Sugawa, T., 298
 Suhrlund, L. G., 77
 Sulkowitch, H., 264
 Suizberger, M. B., 417
 Summers, V. K., 363, 365,
 366
 Summerskill, W. H., 319
 Sun, D. C., 170
 Sundberg, R. D., 137
 Sunderman, F. W., 412
 Sunderman, F. W., Jr., 412
 Sure, B., 114
 Surgalla, M. J., 297
 Suter, E., 342
 Sutherland, N. A., 47
 Sutton, D. C., 282
 Sutton, G. C., 282
 Svedmyr, A., 6
 Svendsen, A. B., 297, 299
 Swahn, B., 258
 Swan, C., 28
 Swan, H., 58, 59, 68
 Swan, W. G. A., 50
 Swann, P. G., 285, 288
 Swanson, M. A., 110
 Swarz, K., 397
 Sweeney, T. R., 298
 Swick, L., 312, 320
 Swiller, A. L., 139
 Swinny, B., 313
 Swisher, S. N., 78
 Swiss, E. D., 281
 Sydenstrecker, V. P., 314
 Sykes, M. P., 84, 170
 Szego, C. M., 410
 Szurek, S. A., 203
 Szypuiski, J. T., 352, 353
- T
- Tabak, E. J., 403
 Tabor, H., 398
 Tagliaferro, A., 235
 Takagi, S., 296
 Takahashi, E., 386
 Takahashi, K., 140
 Takemori, N., 172
 Talalrach, J., 227
 Talbot, B. E., 300, 301
 Talbot, N. B., 264, 361
 Talbott, J. H., 399
 Talbott, T. H., 371
 Talmage, D. W., 401
 Tamari, M. J., 406
 Tamplin, A., 392
 Tan, T. C., 84
 Tanaka, K., 298
 Tani, L., 302
 Tanner, N. C., 36
 Tanos, B., 79

Tappel, A. L., 105
 Tarukoski, H., 362
 Taufic, M., 59, 68
 Taussig, H. B., 68, 70
 Taverner, D., 195
 Taylor, A. C., 146
 Taylor, A. W., 85
 Taylor, R. D., 138, 283, 392
 Taylor, W. J., 37
 Taymor, R. C., 281
 Teich, S., 400
 Teichner, W. H., 407
 Teixeira, R. M., 127
 Teng, C. C., 324
 Tengbergen, W. v. E., 167
 Tenney, B., 392
 Terracol, J., 189, 190
 Teschan, P. E., 40
 Teschendorf, W., 233
 Thackray, A. C., 173
 Thannhauser, S. J., 48
 Thaysen, E. H., 99
 Thaysen, J. H., 97, 99
 Theodore, F. H., 322
 Therman, P. G., 403
 Thoma, K. H., 419
 Thomas, A., see André-Thomas
 Thomas, C., 323
 Thomas, H., 131
 Thomas, J. V., 56, 57, 68
 Thomas, L., 131
 Thomas, M., 166
 Thomas, O. M., 289
 Thomas, V., 67
 Thompson, C., 114, 115
 Thompson, G. A., 322
 Thompson, S. A., 67
 Thompson, T. E., Jr., 346
 Thoms, H., 411
 Thomson, A. M., 397
 Thomson, D., 7, 8
 Thomson, S., 418
 Thooris, G., 2
 Thorbecke, G. J., 131
 Thorling, L., 20
 Thorn, G. W., 79, 80, 169, 362, 365, 371, 377, 384
 Thorp, R. H., 299
 Thorpe, R. E., 164
 Thygeson, P., 99, 312, 323, 325, 326, 328
 Tigay, E. L., 406
 Timiras, P. S., 400
 Timmis, G. M., 84, 159, 170
 Tinckler, L. F., 237
 Tiselius, A., 268
 Tivey, H., 80
 Tobbey, T. S., Jr., 140, 142
 Toch, R., 170
 Todd, E. W., 135
 Toman, J. E. P., 360
 Tomarelli, R. M., 99
 Tomich, E. G., 231
 Tomlinson, B. E., 226
 Tomlinson, L. J., 83
 Tomlinson, L. S., 131

Tomsykoski, A. J., 173
 Toolan, H. W., 171
 Toone, E. C., Jr., 249
 Top, F. H., 2
 Tori, G., 235
 Tornetta, F. J., 371
 Torres, J. M., 393
 Tostevin, A. L., 321
 Toulant, M., 321
 Toulant, P., 321
 Touroff, A. S., 61
 Townsend, B. F., 368
 Townsend, T. E., 340
 Tracy, S., 7
 Traeger, H. S., 41, 44
 Tran-Dinh-de, 419
 Treffers, H. P., 386
 Treves, N. E., 169
 Trewin, E., 288
 Trilla, A., 249
 Tripp, J. T., 23
 Trowell, H. C., 111, 112
 Trueta, J., 252, 253
 Truffert, L., 304
 Truhaut, R., 154, 156, 168
 Trulson, M. F., 398
 Trumper, M., 264
 Tschesche, R., 300
 Tso, T. C., 298
 Tuchman, L. R., 266
 Tuffier, T., 55, 62, 65
 Tullis, J. L., 88
 Tuluy, S., 59
 Turfitt, G. E., 296
 Turin, R. D., 344
 Turner, L. B., 173
 Turner, R., 285, 288
 Turner, T. C., 60
 Turnier, P., 345
 Tuttle, A. D., 371
 Tutton, G. K., 405
 Tuzson, J., 299
 Twiss, J. R., 233
 Twombly, G. H., 402
 Tyler, V. E., Jr., 298
 Tyson, T., 56

U

Udell, L., 247
 Ugaglia, L. G., 216
 Uhr, J. W., 419
 Uihlein, A., 226, 404
 Ulfelder, H., 402
 Umberger, C. J., 303
 Umbreit, W. W., 416
 Ungar, G., 128
 Upson, M., Jr., 280
 Upton, A. C., 82, 161, 162
 Urbin, M. C., 267
 Uricchio, J. F., 86, 347
 Uvnäs, B., 393
 Uyldert, I. E., 169
 Uzman, L., 50

V

Vahlne, G., 8
 Vakil, R. J., 290
 Valentin, G., 188
 Valentine, W. N., 77-92; 78
 van Creveld, S., see Creveld, S. van
 Vander, J. B., 347
 Vanderboon, K., 6
 van der Branden, see Branden, J. van der
 van der Werff, J. T., see Werff, J. T. van der
 van Dyke, J. H., see Dyke, J. H., van
 Van Itallie, T. B., 96, 397
 van Kampen, E. J., see Kampen, E. J. van
 van Lerberghe, R., see Lerberghe, R. van
 Van Leuven, B. D., 228
 Van Liere, E. J., 370
 Van Lingen, B., 216
 van Rijssel, T. G., see Rijssel, T. G. van
 Van Slyke, D. D., 394
 Van Steenhuyse, F., 390
 Van Tongeren, H. A. E., 17
 van Veelan, A. W. V., see Veelan, A. W. V. van
 Van Veen, G., 212
 Varco, R. L., 56, 57, 68
 Varga, G., 164
 Varley, H., 274
 Vastagh, G., 299
 Vaughn, J., 80
 Vaughn, J. H., 133
 Veeder, B. S., 336, 344
 Veelan, A. W. V. van, 346
 Veirs, E. R., 318
 Velat, C. A., 83
 Vennerholm, I., 318
 Venturi, G., 314, 321
 Verlinde, J. D., 12, 17
 Verney, E. B., 364
 Verzar, F., 359
 Viaud, P., 415
 Vidal, F., 313
 Vieten, H., 230
 Viets, H. R., 406
 Vigier, P., 167
 Vikbladh, I., 86
 Villee, C. A., 398
 Vilter, R. W., 114, 115, 399
 Vineberg, A., 67
 Viollet, G., 165
 Virtue, R. W., 58, 68
 Vischer, W. A., 342
 Vitale, J. J., 99, 112
 Vitte, G., 298, 299
 Vivell, O., 342
 Vogel, M. L., 3
 Vogel, P., 395
 Volk, B. W., 270
 Volpe, R., 86
 Volwiler, W., 37, 40

- von Euler, U. S., see Euler, U. S. von
 von Muralt, A., see Muralt, A. von
 von Wedel, J., 67
 Voorhees, A. B., Jr., 61
 Vouters, J., 316
 Vurol, I. L., 137
 Vysniauskas, C., 351
- W**
- Waaler, T., 299
 Wachstein, 115
 Waddington, C. H., 156
 Wade, H. J., 192
 Wagener, H. P., 405
 Wagner, J. A., 415
 Wagner, R., 78
 Waife, S. O., 361
 Waine, H., 410
 Wainerdi, H. R., 406
 Waisman, H. A., 170
 Wagener, H. P., 330
 Wagner, F. H., 355
 Wakeley, C., 316
 Wakerlin, G. E., 392
 Wakim, K. G., 388
 Waksman, B. H., 129, 130, 143
 Walaas, O., 365
 Wald, M. H., 283
 Waldron, J. M., 139
 Waldstein, S. S., 40
 Walker, A. E., 404
 Walker, B. S., 412
 Walker, H. A., 283
 Walker, H. C., 397
 Walker, J., 338
 Walker, J. T., 298, 299
 Walker, R. M., 39, 236
 Walker, S. H., 86, 347
 Walking, H. A., 368
 Wallace, E. Z., 413
 Wallace, H. M., 339
 Wallace-Jones, D., 239
 Wallenius, G., 270
 Wallman, S. H., 107
 Walpole, A. L., 84, 157, 159, 170
 Walsh, F. B., 324
 Walsh, F. C., 347
 Walsh, J. R., 86, 138
 Walshe, J. M., 44, 45
 Walter, R., 378
 Walters, M., 281
 Waltnr, J. G., 189
 Walton, J. N., 172, 198
 Walton, R. L., 337
 Wang, D. M. K., 401
 Wang, J., 161
 Wang, S. C., 364
 Wankmüller, A., 296
 Wannamaker, L. W., 344
 Ward, C. S., Jr., 21
 Ward, E. N., 6
 Ward, E. O., 370
 Ward, F. L., 300
 Ward, J. E., 172
 Ward, R., 28, 339, 387
 Ward, R. S., 339, 340
 Ward, T. G., 13
 Warden, H., 58, 69
 Wardlaw, A., 135
 Ware, A. G., 415
 Waring, J. J., 352
 Warren, F. L., 268, 269
 Warren, K. W., 402
 Warren, S., 49, 162, 171, 173
 Wartman, W. B., 155
 Washburn, W. H., 303
 Wass, W. A., 235
 Wassen, E., 362
 Wasserman, L. R., 395
 Watanabe, Z., 162
 Waterhouse, C., 83
 Waterhouse, J. A. H., 213
 Waters, L. L., 61
 Watkins, E., Jr., 68
 Watson, C. J., 43, 48, 262, 399
 Watson, C. W., 45
 Watson, F., 57
 Watson, J. C., 225
 Watson, J. D., 160
 Watson, J. R., 388
 Watson, R. J., 85, 396
 Watson, W. L., 165
 Watt, J., 8
 Waugh, J. M., 280
 Weatherall, M., 415
 Weber, F. P., 197
 Webster, G. D., Jr., 413
 Webster, L. T., 45
 Wechsler, R. L., 415
 Wedemeyer, W. J., Jr., 162
 Wedgwood, P., 164
 Weech, A. A., 98
 Weed, L. A., 420
 Weens, H. S., 379
 Wegelius, C., 225
 Wegmann, A., 290
 Wegmann, T., 328
 Wehrle, P. F., 4, 5
 Weigert, E., 206
 Weill, 302
 Weill, B., 313
 Weiler, E., 156
 Weinberg, C. R., 232
 Weinberger, L. M., 368
 Weiner, E. A., 131
 Weiner, R. S., 37
 Weinhouse, S., 398
 Weinstein, L., 3
 Weinstein, N., 3
 Weintraub, S., 387
 Weir, D. R., 84
 Weir, J. F., 49
 Weisberger, A. S., 77, 87, 347
 Weiss, E., 282
 Weiss, F., 299
 Welch, C. E., 389
 Welch, C. S., 56, 61
 Weller, R., 69
 Weller, S. D. B., 21
 Weller, T. H., 6, 16, 342
 Wells, H. S., 215
 Welsh, I., 171
 Werder, A. A., 146
 Werff, J. T. van der, 168
 Werko, L., 65
 Werle, E., 298
 Werner, J. H., 13
 Werner, S. C., 367
 Wershuh, L. P., 394
 Wertheimer, E., 95, 97
 Wesolowski, S. A., 56
 West, C. D., 169
 West, H. F., 244
 Westerfeld, W. W., 113
 Westgren, A., 410
 Westpahl, U., 272
 Westwood, I. C. N., 14
 Wetclier, M. S., 228
 Wetherley-Mein, G., 85
 Wheeler, G. P., 171
 Wheeler, M. C., 411
 Whipple, G. H., 104
 Whitaker, C. A., 205
 Whitby, L., 173
 White, A., 103
 White, L. P., 39, 81, 82, 84, 87, 170, 172
 White, S., 232
 White, W. A., 48
 Whitehead, T. P., 363
 Whiteley, H. J., 155
 Whiteside, C. G., 233
 Whitfield, A. G. W., 213
 Whitmore, W. F., 169
 Whittaker, S. R. J., 363
 Whittenberger, J. L., 215
 Whittick, J. W., 162, 173
 Wheeler, R. E., 18
 Wibaut, J. P., 298
 Wickbom, I., 227, 379
 Wickström, A., 299
 Widmer, H. U., 323
 Wiedemann, E., 412
 Wien, R., 284
 Wiess, E., 408
 Wiest, W. G., 155
 Wiggins, W. S., 84
 Wightman, K. J. R., 77
 Wilbrandt, W., 220
 Wilcox, K. W., 408
 Wilcox, P. H., 408
 Wilder, C., 381
 Wildschut, A., 58
 Wilensky, H., 404
 Wilhelmson, P. C., 362
 Wilkins, R. W., 281, 282, 283, 290, 291
 Wilkinson, J. W., 84
 Wilkinson, M., 197
 Will, G., 248
 Willaman, J. J., 298, 303
 Willebrands, A. F., 412
 Willett, F., 63
 William, C. L., 23

- Williams, E. M. V., 414
 Williams, G. R., 71
 Williams, J. H., 84
 Williams, J. R. S., 197
 Williams, M. H. C., 157
 Williams, M. J., 83
 Williams, R. C., 8
 Williams, R. E. O., 134
 Williams, R. G., 289
 Williams, R. H., 281
 Williams, R. J., 113
 Williams, W. L., 100, 397
 Williamson, A. P., 340
 Willis, R. A., 153
 Wilmers, M. J., 134
 Wilson, C., 19
 Wilson, H., 247, 264, 265
 Wilson, H. M., 236
 Wilson, J. G., 341
 Wilson, J. L., 2, 14
 Wilson, L. A., 361
 Wilson, M. G., 344
 Wilson, S., 283
 Winder, C., 98
 Winkelman, N. W., Jr., 208
 Winkler, A. W., 95
 Winship, T., 169
 Winsor, W., 36
 Winsser, J., 6
 Wintrobe, M. M., 80, 260
 Wising, P. J., 347
 Wisoff, C. P., 232
 Wissig, S. L., 364
 Wissler, W., 130
 Witebsky, E., 414
 Witten, P. W., 114
 Witten, V. H., 173, 417
 Wixon, R., 264
 Wohlwill, F. J., 88
 Woke, P. A., 167
 Wolcott, R. R., 416
 Woldow, L., 84, 170
 Wolf, A., 142, 143
 Wolf, G., 154
 Wolf, S., 98, 191
 Wolfe, C. K., 47
 Wolfe, V. G. de, 239
 Wolff, E., 315
 Wolff, H. G., 96, 98
 Wolman, I. J., 21, 417
 Wood, C. A. P., 167
 Wood, E. H., 226
 Wood, H. F., 135
 Wood, W., 4
 Woodburne, R. T., 403
 Woodbury, D. M., 361, 362
 Woodhall, B., 406
 Woodhouse, D. L., 163
 Woodrow, C. E., 45
 Woodruff, L. A., 162
 Woodward, E. R., 387
 Woodward, T. E., 417
 Wootton, I. D. P., 412
 Workaney, J., 116, 117, 118
 Workman, W. G., 22
 Wretmark, G., 387
 Wright, A. W., 173
 Wright, D. M., 98
 Wright, G. W., 215, 217, 221
 Wright, I. S., 405
 Wright, J. T., 303
 Wright, K. W., 351
 Wu, B., 113
 Wu, H., 266
 Wuhrmann, F., 271, 274
 Wulff, M. H., 99
 Wunderly, C., 271, 274
 Wyburn-Mason, R., 197, 198
 Wycis, H., 226
 Wycis, H. T., 405
 Wyckoff, R. W. G., 13
 Wylie, E. J., 239
 Wynder, E. L., 165, 166
 Wyngaarden, J. B., 246
 Wyss, F., 220
- Y
- Yahr, M. D., 270
 Yamada, A., 299
 Yamasowa, Y., 88
 Yamawaki, T., 62
 Yang, C. S., 106, 108
 Yankauer, A., 340
 Yanowski, L. K., 304
 Yaskin, J. C., 404
 Yasuo, Y., 130
 Yeager, C. H., 62
 Yenson, M. M., 105
 Yesinick, C., 164
 Yi, C. L., 364
 Yonkman, F. F., 283, 289
- Yoshpe, P. Y., 26
 Youmans, W. B., 393
 Young, A. E., 221
 Young, B. R., 404
 Young, F. G., 359, 365, 400
 Young, G. A., 340
 Young, P., 233
 Youngner, J. S., 6
 Yourke, A., 78
 Yu, T. F., 251
- Z
- Zaccoco, A., 235
 Zaimis, E. J., 283
 Zaino, C., 36
 Zak, F. G., 173
 Zak, G. A., 220
 Zamcheck, N., 99, 171
 Zamecnik, P. C., 108
 Zannos, L., 140
 Zarafonitis, C., 84, 170
 Zatuchni, J., 347
 Zawadowsky, B. M., 360
 Zeavin, I., 58, 59, 68
 Zettlin, R. A., 23
 Zetter, G., 364
 Zickgraf, H., 282
 Ziegler, M. R., 362
 Zierler, K. L., 420
 Ziff, M., 247
 Zilliken, P., 99
 Zilversmit, D. B., 110
 Zimmerman, H. J., 47, 87, 138
 Zimmermann, W., 265
 Zink, O. C., 236
 Zinsser, H. F., 64
 Zinsser, H. F., Jr., 229
 Zoekler, S. J., 233
 Zucker, L. M., 98
 Zucker, T. F., 98
 Zuckerbrod, M., 48
 Zuelzer, W. W., 14
 Zuman, P., 304
 Zurukzoghlu, W., 81
 Zweig, G., 300, 301
 Zygmuntowicz, A., 264

SUBJECT INDEX

A

- Abdomen**
surgery of, 389
- Acetazolesamide**
in cirrhosis with ascites, 42
in glaucoma, 329-30
- Acetoacetic acid**
determination of, 258, 260-61
- Acetone**
analysis of, 260-61
- ACTH**, see corticotropin
- Actinomycosis**
of canaliculi, 318
- Acute respiratory disease**, 13-14
new viruses and, 13
- Adaptation**, 370
- Addison's disease**
17-ketosteroids and, 263
- Adenohypophysis**, see pituitary
- Adrenal**
pituitary system, 400
- Adrenalectomy**
and neoplasms, 403
- Adrenal gland**
cortex
and nervous system, 361-62
stress and, 370
corticoids
and enzymes of carbohydrate metabolism, 359
annotated reviews of, 400-1
electrolytes and, 401
fetal zone, 400-1
medulla
and nervous system, 361, 364-65
pyridoxine deficiency and, 114
- Adrenochrome**
psychosis and, 202
- Androgens**
nervous system and, 363, 367-68
- Agranulocytosis**, 86
following phenylbutazone therapy, 250
- Air pollution**
hazards of, 295
- Alanine**
in hepatic coma
glutamine ratio in, 44-45
- Albumin**
see serum proteins
globulin quotient, 265-66
injections for ascites, 42
quantitation of total, 266
- Albumin, human**
intravenous
serum hepatitis, 23
- Alcohol**
cirrhosis and, 112-13
methyl
poisoning, 417
nervous system and, 407
- Alcoholism**, 408
- antabuse** in, 416
- Aldrin**
paper electrophoresis of, 299
- Alkaloids**
isolation and separation of, 296-99
- Allergy**, 126-52
anaphylactic shock, 126-28
proteolytic enzymes and, 126-28
antibody formation
cortisone and, 132
experimental inhibition of, 132
nonprecipitating, 132-33
organs and, 131-32
skin sensitizing, 132
conjunctivitis and, 322-23
emergencies in, 401
in eyelids, 313-14
hay fever, 128 (which see)
heredity in, 133-34
in homografting, 145-47
immunology and, 126-52 (which see)
localized phenomena, 128-31
autosensitization, 130-31
rate of lymphocytes
lupus erythematosus, 136-39 (which see)
multiple sclerosis and, 142-45 (which see)
nephritis
hemolytic streptococci and, 126, 134
nonspecific immune substances, 135-36
C-reactive protein and, 135
properdin, 135-36
normal vs allergic individual, 131
piromen in, 401
pulmonary function and, 147-48
purpuras in the, 139-42 (which see)
annotated reviews in, 401
Shwartzman-Sanarelli phenomenon, 131
theories of, 126-28
- Amines**
aromatic
carcinogenesis and, 157
countercurrent distribution in separation of, 300
- Amino acid nitrogen**
serum
and disease states, 271
- Amino acids**
isolation of, 258
metabolism of, 44-45
in experimental liver disease, 102-4, 109-10
in Wilson's disease, 50
of serum protein, 266
- Aminopterin**
in leukemia, 170-71
- Aminostilbenes**
carcinogenesis and, 157
- Amyloidosis**
review of, 420
- Analgesics**
paper electrophoresis of, 299
- Anaphylaxis**, 126-28
see allergy
- Androgens**
and diabetes, 399
and liver integrity, 107
- Anemia**
hereditary, 396
megaloblastic
vitamin B12 and, 396
annotated reviews of, 396
sickle cell, 82
- Anesthesia**
local, 414
annotated reviews in, 418
- Aneurysms**, 62-63
of aorta
thoracic aortography in, 230
of heart, 391
general problems in, 393
- Angiocardiography**, 228-29
cardiac enlargement vs
peri-cardial effusion and, 229
in coarctation aorta of, 229
in patent ductus arteriosus, 229
sequence roentgenography in, 225
in pulmonary stenosis, 229
in tetralogy of Fallot, 229
- Angiography**
direct cardiac, 231
of carotid artery, 226
cerebral, 226-27
in diagnosis of intracranial lesions, 405
in occlusive vascular disease, 393

- pulmonary, 229-30
and bronchiogenic carcinoma, 230
vertebral
in acoustic nerve tumors, 227
in cerebellar tumors, 227
in posterior fossa lesions, 227
- Ankylosing spondylitis
corticotropin in, 244
survey of, 410
- Anoxemia
test for, 391
- Antabuse
in alcoholism, 416
- Antibiotics
see also chlortetracycline
penicillin, etc.
isolation of, 300
in nutritional disease, 99-101, 398
review of, 416
see allergy
- Antihistaminics
isolation of
by ion-exchange, 297
- Antihypertensive drugs, 279-94
dibenamine, 280-81
dibenzylamine, 280-81
ergot alkaloids, 282
action of, 282
1-hydrazinophthalazine, 282-83
methonium salts, 283-90
clinical effect of, 288
side effects of, 289-90
hexamethonium, 283-84
pentapyrrolidinium, 284
applied pharmacology of, 284-86
selection of patients for, 287-88
reserpine, 290
review of, 414
side effects of, 290
thiocyanate, 280
toxic effects of, 280
delayed toxicity to, 291
veratrum alkaloids, 281-82
animal experiments with, 281
digitalis with, 281
- Antipyretics
paper electrophoresis of, 299
- Antistaphylin titre
multiple sclerosis and, 144-45
- Antistreptolysin titre
multiple sclerosis and, 144-45
- Aorta
arch of
syndromes of, 391
coarctation of
- angiocardiography in, 229
pregnancy and, 410
thoracic aortography in, 230
- Aortography
in urological diagnosis, 378-79
- Aphasia
in children, 406
- Appendicitis, 389
- Appetite
and obesity, 96-97
- ARD, see acute respiratory disease
- Arrhythmia, 391
- Ascariasis
hetrazon in, 415
- Arsenic
poisoning
galactose tolerance test in, 271
- Arteriography
peripheral, 239
translumbar, 238-39
- Aschoff bodies, 65
- Ascites
in cirrhosis, 37, 38, 41-43
cation exchange resins in, 43
therapy of, 41-42
mechanism of, 389
vs cortisone, 246
- Asthma
cortisone and corticotropin in, 417
distinguished from emphysema, 217
heredity in, 133
tests in evaluating, 219-22
- Atherosclerosis
biochemical aspects of, 399
cerebral, 405
development of, 392
pyridoxine deficiency and, 115-16
serum lipoproteins in, 270
- Atropine
determination of, 302
- Aureomycin
see chlortetracycline
- Azaserine
in cancer therapy, 168-69
- Azo dyestuffs
carcinogenesis and, 156-57
- Azotemia
discussion of, 412
- B
- Bacteria
acid-fast
review of, 419
infection and multiplesclerosis, 144-45
intestinal flora
and nutritional disease, 99-101
- sensitization and, 134-35
- Bacteriophages
experimental virology of, 386
- Barbiturates
determination of, 302
metabolism of, 415
separation of
by paper electrophoresis, 299
by ion-exchange, 296-97
- Behcet's disease, 25
- virus in, 314
- Benodaine
in pheochromocytoma, 413
- Bile ducts, see cholangiography
- Bile pigment, metabolism of, 395
- Biliary cirrhosis, 48-49
- Biliary tract
operations of, 388
- Biliary tract disease
diagnosis and treatment of, 388
- Bilirubin
serum, 262-63
- Biotin
metabolism of, 399
- Bladder
carcinoma of, 157
visualization of, 236-37
- Blastomycosis, 420
- Blood, see also serum
leucocytes
- ABO - Incompatibility
and erythroblastosis
fetalis, 337
chemistry, see clinical
chemistry
clotting of
physiology and pathology of, 395
serotin and, 391
- Rh system
genetics and immunology of, 395
sterilization of, 23-24
- Blood groups
concepts of systems, 395
- Blood transfusion
problems of, 395
- Blood volume
determination of, 390
reviews of, 395
- Bone disease, 243-55
see rheumatoid arthritis,
gout, ankylosing
spondylitis, etc.
annotated reviews in, 409-10
- Bowel
sterilization of, 380
- Brain
tumors of
and cerebral angiography, 227

- Bright's disease, 394
- Bromide
determination of, 257
- Bronchitis
tests in evaluating, 220
- Bronchography, 231-32
contrast media in, 226
- Brucine alkaloids
determination of, 302
separation of, 297
- Bulbocapnine
in experimental psychoses, 201
- Bursitis
hydrocortisone in, 244
sub-Achilles, 251
- Burns
of eyes, 311
"Butter yellow"
and carcinogenesis, 156
- C
- Caesarean section, 411
- Calcium
ion
and neural processes, 407
parathyroid and, 361
serum, 259-60
- Cancer
see carcinoma
- Carbohydrate metabolism
enzymes of
corticoids and, 359
hormonal control of, 97
in leucocytes, 77-78
and obesity, 94-95
review of, 398
- Carbohydrates
pentosuria, 261-62
reducing
detection of, 258
- Carbomycin
in hordeola and chalazia, 312
- Carbon dioxide
determination of, 258
in psychotherapy, 206-7
- Carbon monoxide hemoglobin
determination of, 302
- Carcinogenesis, 154-64
alkylating agents and, 157-61
and biological mutation, 160
chemical mechanism in, 159-60
the diepoxides, 159
the nitrogen mustards, 157-58
effect on nucleotides, 160
amines and, 157
mode of action, 157
atmospheric contamination and, 166
azo dyestuffs and, 156-57
"butter yellow", 156
chemical constitution and biological activity of, 156
enzyme systems and, 156
health problems of, 156
chemical constitution and, 401
cholesterol and, 155
endocrinology and, 162-63
epidermal
mouse hair cycle and, 155
hydrocarbons and, 154-55
biochemistry of, 155
essential properties of, 155
histological studies of, 155
ionizing radiations, 161-62
mitotic activity and, 155
mutagens and, 413
and the nucleus, 158
plastics in, 163
annotated reviews in, 401-3
smoking in, 164-66
steroid metabolism and, 155
sulphonamides in, 164
urethane in, 163
- Carcinoma
biochemistry of, 402
of bladder, 157
bromchogenic, statistical
evaluation of, 402
experimental chemotherapy of, 402
diagnosis of, 172
papanicolaou technique in, 402
of duodenum, 402
experimental, genetic
studies in, 402
experimental liver, 154-56
experimental thyroid, 163
familial aspects of, 172
gastric, review of, 402
hepatic
contrast roentgenology in, 235
and hemochromatosis, 49
of lung
etiology of, 165-66
and smoking, 402
metabolic antagonists in, 170-71
metastatic, treatment of, 402
mortality theories, 154
neurological complications in, 195-98
cerebellar atrophy, 196
polyneuritis, 197
nitrogen metabolism in, 402
pathology of, 172-73
annotated reviews in, 401-3
statistics of, 164-65
therapy of, 168-72
chemical, 168-72
endocrine, 169-70
viruses in, 171-72
viruses and production, 166-68
- xanthine oxidase and
in mouse, 161
- Cardiac glycosides
isolation and determination, 300-2
- Cardiospasm
review of, 387
- Cardiovascular disease
of emotional origin, 391
reviews in, 390-93
vectorcardiography, 392
- Cardiovascular surgery, 55-76
supporting aids in, 56-62
controlled cross-circulation, 57-58
experimental animals, 56
heart lung machinery, 56-57
hypothermia, 58-60
aortic anastomosis in
in aortic coarctation, 62
in aneurysms, 62-63
coronary artery disease, 66-68
systemic-coronary
anastomosis in, 67-68
in interatrial septal defects, 68-69
in interventricular septal defects, 69
in patent ductus arteriosus, 68
arterial homografts in, 55, 60-62
freeze-dried in, 61-62
methods of storage, 60-61
nonviable types of, 61
in aortic insufficiency, 66
in constrictive pericarditis, 63
in aortic stenosis, 65-66
in mitral stenosis, 63-65
in pulmonic stenosis, 69-70
in tetralogy of Fallot, 70-71
- Carotid body tumors, 187
- Cataract, 327
- Cation exchange
in congestive heart failure, 415
- Cation exchange resins
in ascites, 43-44
- Cat scratch fever, 323, 344-47
manifestations of, 345
- Celiac disease, 100
- Cephalin flocculation test
vs thymol turbidity test, 271
- Cerebral palsy
review of problem, 405
- Cerebral vascular disease
reviews in, 405
- Cerebrospinal fluid
electrophoresis of, 270-71
new proteins in, 270-71
review of, 404
- Ceroid

- in cirrhotic livers, 108
 Chalazias, 312-13
 Chelating agents
 ammonium purpurate, 259
 2, 2'-bipyridyl, 260
 catechol, 260
 determination of, 258
 diphenylthiocarbazon, 260
 eriochrome black T, 259
 O-phenanthraline, 260
 thioglycolic acid, 260
 Titan yellow, 260
 Chemistry
 see clinical chemistry
 Chemotherapy
 annotated reviews in, 413-17
 Chicken pox, 17
 Chloride
 determination of, 257
 Chlorpromazine, 208
 Chlorotetracycline
 in conjunctivitis, 321
 in experimental hepatic necrosis, 103
 in rheumatic fever prevention, 344
 in trachoma, 322
 Cholangiography, 232-34
 intravenous, iodipamide in, 233
 Cholecystography, 232
 Cholesterol
 and carcinogenesis, 155
 determination of, 258
 and serum lipoproteins, 270
 Choline
 and vitamin E, 107-8
 Cholinesterases, 415
 Choroideremia, 328
 Christmas disease (hemophilia B), 354
 Chromatography
 in isolation of poisons, 296-99
 adsorption, 297-98
 column partition, 297-98
 paper, 298-99
 Chyle peritonitis, 389
 Circulation
 extra corporeal, 56-62
 peripheral
 review of, 392
 Circulation time
 portal, in cirrhosis, 40
 Cirrhosis, 35-46
 alcohol and, 112-13
 ascites in, 37, 41-43
 cation exchange resins in, 43
 therapy of, 41-42
 ceroid in, 108
 contrast roentgenology in, 235
 experimental, 107
 in young females, 49
 with Cushing's syndrome, 49
 hepatic coma in, 43-46, 388
 amino acid metabolism in, 44-45
 ammonia metabolism and, 43-46
 electroencephalogram in, 43-46
 fetor in, 43
 neurological aspects of, 45-50
 symptoms of, 43
 hypertension and, 388
 jaundice and, 388
 portal circulation time in, 40
 portal pressure in, 37-39
 estimation of, 37, 38
 hepatic vein vs splenic pressure, 38
 surgery in, 40-41
 portal vein obstruction in, 39
 splenic portal venography, 39-40
 esophageal varices in, 35-37
 demonstration of, 35
 emergency procedures in rupture of, 36
 frequency of, 36
 mortality for bleeding of, 36
 replacement transfusion in, 36
 rupture of, 36
 Sengstaken-Blakemore tube in, 36
 Clinical chemistry, 257-78
 of acetone and acetoacetic acid, 260-61
 recent books in, 274
 divisions of, 257-58
 of inorganic serum constituents, 258-60
 choice and economy of methods in, 271-72
 in pentasuria, 261-62
 scope and function of, 272-74
 of serum bilirubin, 262-63
 of serum proteins, 265-71
 electrophoresis of, 266-69
 Coca alkaloids
 isolation of, 299
 Cocaine alkaloids
 determination of, 302
 Codeine
 determination of, 302-3
 Colchicine
 in gout, 250, 399
 in leukemia, 169
 Colds, 13
 nature of, 385
 Colon
 colitis, 389
 Coma
 hepatic, 43-46
 mechanisms of, 405
 Congenital heart disease
 in pediatrics, 343
 Congenital malformations, 338-41
 hypervitaminosis A and, 340
 incidence of, 339
 ionizing radiations and, 341
 variola and varicella and, 339
 western equine encephalomyelitis and, 340
 Congestive heart failure
 with hypertension, 280
 treatment of
 reviews in, 415
 Conjunctiva, 319-24
 flora of, 320
 Newcastle's disease of, 321
 trachoma of, 321-22
 Conjunctivitis, 320-24
 allergic, 322-23
 types of, 322-23
 inclusion, 322
 organisms implicated in, 321
 Parinaud's, 323
 Contrast media, 225-42
 see also contrast roentgenology, angiography, venography, pneumography, angiocardiology, bronchography, cholecystography, cholangiography
 ethyl diiodostearate (angipac)
 in opacification of spleen, 235
 ethyl triiodoaliphonic acid (teridox), in cholecystography, 232
 iodipamide (biligradin, cholografen)
 in intravenous cholangiography, 226, 233
 iodized puppyseed oil (lipiodol)
 in bronchography, 231
 iodopanoic acid (telepaque)
 in cholangiography, 233-34
 in cholecystography, 232
 iodopyracet (diodrast)
 in bronchography, 231
 proflavone (dionasil)
 in bronchography, 226, 231
 sodium acetrizate (Urokon)
 angiocardiology and, 228-29
 in cerebral angiography, 226
 in hepatography, 235
 intravenous preparation, 225
 in splenography, 235
 in urography, 236
 thorium dioxide (thorotrast)
 in visualization of various metastatic tumors, 234

- Contrast roentgenology, 225-42
 see also angiography, venography, pneumography, angiocardiology, bronchography, cholecystography, cholangiography, contrast media of cardiorespiratory system, 228-32
 angiocardiology, 228-29
 pulmonary angiography, 229-30
 thoracic aortography, 230-31
 of central nervous system, 226-28
 cerebral angiography, 226-27
 pneumography in, 228
 venography of skull and dural sinuses, 227-28
 of gastrointestinal system, 232-36
 cholangiography, 232-34
 cholecystography, 232-34
 hepatography, 234-36
 splenography, 234-36
 portal venography, 234-36
 of genitourinary system, 236-37
 extraperitoneal pneumography, 237
 intravenous urography, 236-37
 of vascular system, 237-39
 peripheral arteriography, 239
 translumbar arteriography, 238-39
 venography, 237-38
 Coomb's test, 127, 141
 Copper
 estimation of, 260
 Copper metabolism and Wilson's disease, 50
 Cornea, 324-26
 cystine crystals in, 324
 dehydration of
 theories of, 324-25
 herpes of, 325
 keratitis
 cortisone and corticotropin in, 326
 ulcer of, 325-26
 treatment of, 325
 Coronary insufficiency, 391
 Corticotropin, 243-48
 ankylosing spondylitis, 244
 compared with phenylbutazone, 249
 control of therapy, 245
 in hemophilia, 350
 eosinopenia following, 79
 in infectious hepatitis, 47
 and nervous system, 362
 objections to use, 245
 psychological responses, 407
 in rheumatic fever, 385
 in rheumatic heart disease, 385
 effect on serum proteins, 269
 in sympathetic ophthalmia, 329
 Cortisone
 and antibody production, 132
 vs aspirin, 246
 biological half-life of, 246
 in hemophilia, 354
 in infectious hepatitis, 47-48
 and lactic acid production in leucocytes, 78
 and nervous system, 362
 objections to use, 245
 physiological disposition of, 246
 psychological responses to, 407
 in rheumatic disease, 243-48
 contraindications to, 243
 dosage of, 243
 effect on serum proteins, 269
 in sympathetic ophthalmia
 Countercurrent distribution in toxicological analysis, 300
 C-reactive protein and rheumatic fever, 135
 Cretinism, 361
 Cough syncope syndrome, 391
 Coxsackie viruses, 9-10
 classification of, 10
 clinical findings, 9-10
 epidemiology of, 9
 poliomyelitis and, 10
 Crohn's disease, 388
 Cushing's syndrome with cirrhosis, 49
 Cytology, of leukocytes, 87-88
 Cystine
 crystals of, in cornea, 324
- D
- Dermatology
 hydrocortisone in, 417
 trends in research in, 409
 annotated reviews in, 408-9
 Desoxycorticosterone and nervous system, 362
 Desoxyribonucleic acid in leucocyte metabolism, 77
 Diabetes
 alloxan produced and cataracts, 327
 emergencies in, 399
 and gonads in female, 410
 hepatomegaly and, 399
 and male gonads, 399
 and nervous system, 361
 vs idiopathic pentosuria, 261
 serum lipoproteins in, 270
 Diabetes insipidus, 363
 Diabetic neuropathy, 192-95
 classification of, 192
 etiology of, 194
 symptoms of, 193
 Diamox, see acetazolamide
 Diaphragm
 hernia of, 387
 Diarrhea
 pathogens in, 390
 psychotherapy in, 390
 radiological studies in, 390
 review of, 389
 therapy of, 390
 Dibenamine
 in hypertension, 280-81
 Dibenzylamine
 in hypertension, 280-81
 Dieldrin
 paper electrophoresis of, 299
 Diepoxides and carcinogenesis, 159
 Diet
 in infectious hepatitis, 47
 and obesity, 95, 97-98
 Digestive system
 review of, 387
 Digitalis
 current therapy, 414
 with Veratrum therapy, 281
 Diphtheria
 review of, 385-86
 toxin and antitoxin, 414
 Distemper, canine and primary atypical pneumonia, 13
 Diuretics
 mercurial
 in congestive heart failure, 415
 DNA, see deoxyribonucleic acid
 Ductus arteriosus
 patent, 68
 angiocardiology in, 229
 thoracicaortography in, 230
 Duodenum
 carcinoma of, 402
 Dysentery
 fly-control and, 8
 Dysmenorrhea
 cause and treatment of, 411
 Dyspnoea
 assessment of, 214-15
 composite ventilatory indices in, 213
 definitions of, 214

E

- Ear**
 hearing
 review of, 411
Ehrlich ascitic tumor
 propagation of viruses in, 171
Electrocortin, 366
Electroencephalogram
 changes in
 and thyroid hormone, 360
 in hepatic coma, 43, 46
Electroencephalography
 review of, 404
Electrodialysis
 in separation of poisons, 300
Electrolytes
 adrenal disease and, 401
 corticoids and, 362
 diarrhea and, 390
 disturbances of
 postoperative, 412
 metabolism of, 398
Electronmicroscopy
 of herpes simplex virus, 15
 of influenza virus, 13
 of poliomyelitis virus, 8-9
Electrophoresis
 moving boundary, 266
 paper, 266, 267
 absorption data recording
 apparatus, 269
 of drugs, 296
 evaluation of stained strip, 268
 staining of, 267
 review of, 412
 of spinal fluid, 270-71
 zone, 266-69
 in separation of poisons, 299-300
Electro-shock therapy
 in psychoses, 208
Emphysema
 diagnosis of, 218-19
 distinguished from asthma, 217
 functional residual capacity
 in, 213
 vital capacity in, 212
Encephalitis, see Murray
 Valley Encephalitis
Endocarditis
 bacterial
 drugs in, 417
 reviews in, 393
Endocrinology, 359-76
 adrenal cortex, 361-62
 adrenal medulla, 361, 364-65
 and carcinogenesis, 162-63
 ovaries, 363, 367-68
 pancreatic islets, 361, 368
 parathyroid glands, 361
 anterior pituitary, 362-63
 posterior pituitary, 363, 364
 annotated reviews in, 400-1
 stress and, 368-71
 testes, 363, 367-68
 thyroid gland, 360-61, 366-67
Enzymes
 experimental liver necrosis
 and, 106-7
 nonoxidative and nonproteolytic, 398
 in nutrition, 98-99
 oxidative
 and carcinogenesis, 156
 proteolytic, 398
 and anaphylactic shock, 126-28
Eosinopenia
 glucocorticoid
 mechanism of, 396
Epidemic hemorrhagic fever,
 26-27, 385-86
 agent of, 27
 phases of, 26-27
Epidemiology
 of Cocksackie viruses, 9
 of hemorrhagic fever, 386
 of infectious hepatitis, 20-21
 of poliomyelitis, 7-8
Epilepsy
 cerebral anoxia and, 405
 drug therapy in
 review of, 415
 hypoparathyroidism and, 361
 pyridoxine and, 115
 review of, 404
Epinephrine
 hypothalamus and, 361, 364
 leucocyte response to, 80
 Epiphora, see tears
Epithelioma
 of eyelids, 316
Ergot alkaloids
 in hypertension, 282
 action of, 282
 isolation of, 298-99
Erythroblastosis fetalis, 337
Erythrocyte
 formation of, 395
 structure of, 395
Erythromycin
 in infectious diseases, 416
Erythropoiesis, 395
Esophagus
 esophagoduodenostomy, 388
 leiomyoma of, 402
 reconstruction of, 387
 stenosis of
 review of, 387
 varices of, 35-37
 demonstration of, 35
 emergency procedures in
 rupture of, 36
 frequency of, 36
 mortality from bleeding of,
 36
 portal venography and, 236
 Sengstaken-Blakemore
 tube in, 36
 replacement transfusion in, 36
Estrogens
 analysis of, 257
 exogenous effects of, 400
 and liver integrity, 108
 and nervous system, 363,
 367-68
 in placenta, 410
Exanthematous disease, 24
Exophthalmos, 360
 progressive, 401
Eyelids, 311-15
 allergies of, 313-14
 groups of, 313
 infections of, 312-13
 dermatoses, 312
 treatment of, 312-13
 injuries of, 311-12
 burns, 311
 full thickness grafts in, 311
 split thickness grafts in,
 311
 delayed plastic surgery in,
 312
 tarsorrhaphy in, 312
 mucocutaneous ocular syn-
 drome, 314-15
 tumors of, 315-16
 virus diseases of, 314-15

F

- Fat**
 body, 397
Fat metabolism
 hormonal control of, 97
 and obesity, 94-95
Fibrillation
 ventricular
 during hypothermia, 58-59
Flicker-fusion threshold
 review of, 404
Fly-control measures
 dysentery and, 8
 poliomyelitis and, 8
Folic acid
 analogs of
 clinical effects of, 398
Food poisoning, 387
Food supply
 and population increase, 386
Freud, Sigmund, 204
Freund's adjuvant
 and antigen fate, 129
 in autosenitization, 131
 and experimental sympathe-
 tic ophthalmia, 328
 effect of
 on C-reactive protein, 135
 and experimental multiple
 sclerosis, 142-43
 heredity and sensitivity to,
 133-34

G

- Gall bladder**, see cholecysto-
 graphy

- Gamma globulin, see also
 serum proteins, 265-71
 anti-vaccinal, 18-19
 bovine
 and antibody formation, 129
 hypogammaglobulinemia
 syndrome, 269
 in infectious hepatitis, 21-22
 in poliomyelitis, 4-5, 386-87
 rubella and, 28
 Gastrectomy, 388
 Gastritis, 388
 Gastrointestinal disease, 35-
 54, 387-90; see also
 cirrhosis, biliary cirrho-
 sis, infectious hepatitis,
 serum hepatitis, etc.
 acute abdomen
 care of, 387
 antibiotics in, 99-101
 Gastrointestinal tract
 intestinal bacteria in, 99-101
 immunity of
 to autodigestion, 98
 and nutrition, 98-101
 contrast roentgenology of,
 232-36 (which see)
 Gastrojejunostomy, 388
 Gastroscopy, 388
 Genetics
 cross-linking hypothesis
 in carcinogenesis, 158-59
 human
 bibliography of, 419
 Geriatrics
 steroids in, 400
 Gilchrist's disease, 420
 Glaucoma, 328-30
 acetazolamide in, 329
 Globulins
 antihemophilic, 353
 in various disease states, 269
 Glomus jugulare tumors, 187-
 90
 anatomy of glomus jugulare,
 188
 symptoms of, 188
 aural, 189
 neurological signs, 189-90
 types of, 188
 Glucagon, 361
 Glutamic acid
 determination of
 in hepatic coma, 45
 Glutamine
 determination of
 in hepatic coma, 44-45
 Goldblatt kidney, 239
 Gout, 240-51
 butapyrin in, 250
 diet in, 251
 hydrocortisone in, 244
 phenylbutazone in, 248
 purine metabolism in, 250
 reviews of, 399
 uric acid metabolism in, 250
 Gonorrhea
 of newborn, 320
 Grave's disease, see
 hyperthyroidism
- H**
- Hair
 growth of, 408
 Hay fever, 128, 401
 Headache
 psychosomatic studies of,
 408
 Hearing
 review of, 411
 Heart - see cardiovascular
 surgery
 chemoreflexes from, 391
 metabolism of, 390
 Heart disease
 in children, 343-44
 tests of pulmonary function
 and, 212
 reviews in, 390-93
 Heberden's nodes, 252, 254
 Hematology, see also blood
 applications of ACTH
 and cortisone in, 169
 annotated reviews in, 395
 Hemiplegia
 following cerebral angio-
 graphy, 226-27
 Hemochromatosis, 49-50
 Hemoglobin
 metabolism of, 395
 Hemophilia, 353-55
 antihemophilic globulin in,
 353
 cortisone and corticotropin
 in, 350
 hemarthrosis in, 354
 annotated reviews in, 396
 tests in, 353
 types of, 353
 Hemorrhage
 subarachnoid, 405
 Hemorrhagic fever, 26-27
 epidemiology of, 386
 review of, 385
 prevention of, 386
 sequelae of, 385
 Hepatomegaly
 and diabetes, 399
 Henoch-Schönlein syndrome,
 139, 140
 Hepatitis, 19-24, 165
 see also infectious hepatitis,
 serum, hepatitis, cir-
 rhosis
 toxic
 galactose tolerance test in,
 271
 Hepatography, 234-36
 Heredity
 and asthma, 133-34
 and nephritis, 134
 and tuberculosis, 134
 Hernia
 of diaphragm, 387
 in infancy, 418
 inguinal
 surgery of, 389
 inguinopectineal
 classification of, 389
 Heroine
 determination of, 302
 Herpangina, 9-10
 Herpes
 of cornea, 325
 Herpes simplex, 14-16
 antibody titre for, 15
 in children, 349
 natural history, 15-16
 multiplication of virus, 15
 neonatal infection with, 14-
 15
 structure of virus, 15-16
 Herpes zoster
 of eye, 315
 see varicella-Zoster
 Heterophile antibody
 and infectious mononucleo-
 sis, 347
 Hetrozoon
 in ascariasis, 415
 Hexamethonium salts
 in hypertension, 283-84
 Histamine
 and anaphylactic shock,
 126-28
 metabolic study of, 398
 physiology of, 415
 Histidine
 metabolic studies of, 398
 Histoplasmosis
 review of, 386
 Hodgkin's disease, 81
 serum proteins in, 269
 triethylenemelamine in, 170
 phenylbutazone in, 85
 Hordeola, 312-13
 Homografting
 immunological responses
 in, 145-47
 Hormones, see pituitary
 adrenal, thyroid, etc.
 in carcinoma, 403
 annotated reviews of, 400-1
 Host-parasite relationships
 in virus and rickettsial
 diseases, 387
 Hunger
 and obesity, 96
 Hyaluronidase, 397
 Hydralazine
 and "L. E." phenomenon,
 138
 Hydrocephalus
 treatment of, 405
 Hydrocortisone
 pure alcohol vs acetate,
 244
 biological half-life of, 246
 higher esters and analogues
 of, 247

- physiological disposition of, 246
in rheumatic disease, 243, 244, 417
intraarticular, 244
Hydronephrosis, 394
1-Hydrozinophthalazine
in hypertension, 282, 283
Hyoscine
separation of, 297
Hyperparathyroidism
and nervous system, 361
and tetany of newborn, 337
Hypersensitivity
see allergy
Hypertension
angiotonin action in, 283
antihypertensive drugs, 279-94 (which see)
arterial
management of, 392
associated diseases with, 279-94
clinical manifestations of, 279-80
diastolic
atherosclerosis and, 392
essential
pathogenesis of, 392
phenenetasin action, 283
portal
in cirrhosis, 40-41, 388
surgery in, 392
in pregnancy, 392
pulmonary
angiography in, 230
treatment of
recent developments in, 414
Hypothyroidism
and nervous system, 360, 367
radioactive iodine in, 401
Hypoparathyroidism
and nervous system, 361
Hypophysis
see pituitary
Hypopituitarism
and nervous system, 363
364-66
types of, 366
Hypospadias, 382-83
Hypotension
antihypertensive drugs, 279-94 (which see)
Hypothalamus
epinephrine and, 361
injury and obesity, 97
thyroid and, 361
Hypothermia
in heart surgery, 58-60
limitations of use, 60
physiological effects of, 59
Hypothyroidism, 361
- I
- Idiopathic steatorrhea, 100-1
Immunity
adrenalcortical hormones
in, 401
in offspring
maternal age and, 386
Immunization
status of, 386
Immunology, 136-47
see also allergy
Ehrlich's side-chain
theory in, 414
in homografting, 145-47
lupus erythematosus and, 136-39 (which see)
and multiple sclerosis
(which see 142-45)
pulmonary function and
(which see), 147-48
and purpura, 139-42
(which see)
Infection
and multiple sclerosis, 144-45
Infectious diseases, 1-34, 385-86
see poliomyelitis, influenza, colds, also Coxsackie viruses, vaccinia, etc.
serum proteins in, 269
spinal fluid electrophoresis
in, 270
Infectious hepatitis, 19-22, 46-48
bed rest in, 46-47
diet in, 47
drugs in, 47-48
epidemiology of, 20-21
gamma globulin in, 21-22
prophylaxis, 21-22
skin test for immunity, 20
study of, 385
symptoms of, 20
virus cultivation, 19-20
Infectious mononucleosis, 85-86, 347-48
in children, 347-48
heterophile antibody and, 347
pathogenesis of, 386
sequelae of, 347
Influenza, 11-13
antibody pattern in population, 11-12
experimental virology of, 386
fetal death and, 28
synergism between virus and bacteria, 12
virus
antigenic structure of, 11-12
physical structure of, 13
Inoculation lymphoreticulosis
see cat scratch fever, 344-53
Insulin
determination of, 412
digestive tract function and, 387
and nervous system, 361, 368
physiology and
metabolism of, 389
Intestinal obstruction
surgical management of, 387
Intrinsic factor, 399
Intussusception, 389
Iodide
determination of, 257
metabolism of
and thyroid hormones, 401
protein-bound, 412
Ion-exchange
in study of antihistamines, 297
in isolation of barbiturates, 296
in isolation of poisons, 296-97
Ionizing radiations
carcinoma and, 413
and congenital malformations, 341
Iridocyclitis
relapsing (see Behçet's disease)
Iron
determination of, 260
metabolism of, 398
pathology of, 412
Isoniazid (see isonicotinic acid)
Isonicotinic acid
derivatives of, 351
toxic manifestations of, 351
in tuberculosis, 350
Isotopes
see radioactive isotopes
- J
- Jaundice, see infectious
hepatitis, serum hepatitis, cirrhosis
idiopathic, 388
of new born
and erythroblastosis
fetalis, 337, 418
Joint disease, 243-55, see
rheumatoid arthritis, gout, ankylosing spondylitis, etc.
annotated reviews in, 409-10
- K
- Keratitis, see cornea
Keratoconjunctivitis sicca, see
Sjögren's syndrome
17-ketosteroids, 263-66
analysis of, 257, 264-65
constituent steroids, 264
in corticotropin therapy, 244
and disease states, 263-64
normal values for, 263

- Kidney**
in acid-base balance, 394
artificial, 377
in uremia, 394
biopsy of, 413
Bright's disease, 394
Goldblatt, 239
nephrograms of, 236-37
reviews of, 394
surgery in, 379-84
transplantation of, 277-78, 394
- Kreb's cycle**
in obesity, 95
- Kwashiorkor**, 111
- L**
- Laboratory methods**, 257-78
see clinical chemistry
annotated reviews of, 412-13
- L-E cell phenomenon**, 86, 136-39
and hydralazine, 138
review of, 396, 409
- Leiomyoma**
of esophagus, 402
- Lens**, 326-27
- Leprosy**
sulfone therapy in, 416
- Leptothrix**
and cat scratch fever, 323
- Leriche syndrome**, 239
- Leucocyte**
in health and disease
review of, 395
- Leukemia**
ACTH and, 169
aminopterin in, 170-71
antibody production in, 131
clinical features of, 82-83
cortisone in, 169
distribution of, 81
etiology of, 81-82
frequency of, 81
granulocytic
uracil in, 83
ionizing radiation and, 162
lymphatic
mortality data, 403
metabolic features of, 82-83
mortality in, 81
myleran in, 84, 159, 170
relation to polycythemia, 395
annotated reviews in, 396
therapy of, 83-85, 168-169
triethylenemelamine in, 170, 403
uric acid production in, 250
viruses in, 167-68
- Leukocytes**, 77-92
see also leukemia
alkaline phosphatase in, 78
basophils and leukemia, 79
cytology of, 87-88
eosinopenia following corti-
- cotropin, 79
response to epinephrine, 80
granulocytic
glycogen content in, 78
life span and turnover of, 80-81
physiology and metabolism
of, 77-81
anaerobic glycolysis in, 78
desoxyribonucleic acid
and, 77
separation and preservation
of, 88
tissue mast cells
histamine and heparin
content, 79
- Leukopathies**, 77-92, see
leukocytes, leukemia,
lymphoma, infectious
mononucleosis, agranu-
locytosis, lupus erythema-
tosis
- Lipids**
serum
determination of, 258
- Lipoic acid**
metabolism of, 399
- Lipoproteins**, 269-70
and atherosclerosis, 392
- Liver**
biopsy of, 413
hepatography of, 234-36
and nutritional disease, 101-
10 (which see)
physiology of, 388
- Liver diseases**, 35-54 (see
cirrhosis, biliary cirrho-
sis, hemochromatosis,
Wilson's disease)
experimental, 102-13
and animal age, 109
amino acids and, 109-10
cancer, 154, 156
food intake and, 108-9
hepatic necrosis, 102-4
environmental temperature
and, 109
morphology of, 388
nutritional factors in, 397
- Lobotomy**
indications and results of,
408
- Lung** (see respiratory disease)
cancer of, 165-66
chemoreflexes from, 391
lymph drainage of, 397
- Lupus erythematosus**, 86-87,
136-39
albumin, globulin ratios in,
269
and antihypertensive drugs,
291
L. E. cell phenomenon and
review of, 396
gamma globulin and, 137
review of, 409
virus as infective agent in,
138
- Lymphomas**
clinical features of, 82-83
distribution of, 81
frequency of, 81
metabolic features of, 82-83
mortality in, 81
with sprue, 82
therapy of, 83-85
triethylenemelamine in, 403
d-Lysergic acid
in experimental psychoses,
201
- M**
- Magnamycin**, see carbomycin
- Malnutrition**
diagnosis of, 397
- Maximal ventilatory volume**,
212
- Measles**, 26
and fetal death, 29
status of, 385
- Meningitis**
aseptic, 25
Coxsackie B virus and, 9-
10
purulent
treatment of, 405
- Mephyton**, see vitamin K
- 6-mercaptopurine**
in leukemia, 84
- Mescaline**
in experimental psychoses,
201
- Metabolic antagonists**, 414
- Metabolism**
diseases of
annotated reviews in, 398-
400
energy, 397
intermediary, 398
- Metals**
heavy
analysis of, 257
- Methionine**
and pyridoxine
interrelationship, 115
- Methonium salts**, 283-90
clinical effects of, 288
side effects of, 289-90
hexamethonium, 283-84
pentapyrrolidinium, 284
applied pharmacology of,
284-86
selection of patients for,
287-88
- Microbiology**
of water and sewage, 387
- Migraine**
in children, 418
- Minerals**
metabolism of, 398
- Mitosis**
and carcinogenesis, 155
- Molluscum contagiosum**

- of eye, 315
 Mongolism
 maternal age and, 418
 Morphine
 determination of, 302-3
 Multiple myeloma, 85, 173
 classification of types of
 on basis of serum globulin, 269
 Multiple sclerosis, 145
 experimental, 142-43
 infections and, 144-45
 spinal fluid electrophoresis
 in, 270
 status of, 406
 Mumps
 fetal death and, 28
 Murray Valley encephalitis,
 10-11
 age and severity in, 11
 histopathology in, 11
 reservoirs of, 11
 symptoms of, 11
 Muscle
 biochemistry of, 419
 Muscular dystrophy
 associated pentosuria in,
 261-62
 Mushroom
 poisoning by, 417
 Mutagens, 413
 Myasthenia gravis
 review of, 406
 thymectomy in, 400
 Myleran
 in leukemia, 84, 159, 170
 Myxedema
 17-ketosteroids in, 263
 and psychoses, 361
- N
- Narcotics
 determination of
 paper electrophoresis in,
 299
 ion-exchange in, 297
 Neoplasms, see carcinoma
 Nephritis
 and hemolytic streptococci,
 126
 heredity and, 134
 reviews in, 394
 serum lipoproteins in, 270
 serum proteins in, 269
 Nephrograms, 236-37
 Nervous diseases, 187-200
 associated with carcinoma,
 195-98
 carotid body tumors, 187
 complications of scrub
 typhus, 190-92
 diabetic neuropathy, 192-
 95
 annotated reviews in, 403-7
 tumors of glomus jugulare,
 187-190
- Nervous system
 stress and, 368-71
 relationship to endocrine
 system, 359-76
 Neuroblastoma, 171
 Neurohypophysis, see
 pituitary
 Neuropathology, 404
 Newcastle's disease
 conjunctiva and, 321
 Nicotinic acid
 metabolic functions of, 399
 Nitrogen metabolism
 in carcinoma, 402
 Nitrogen mustards
 and carcinogenesis, 157-58
 in leukemia and lymphoma,
 83-84
 review of use, 415
 Nose
 and paranasal sinuses
 anatomy of, 412
 Nucleic acids
 and carcinogenesis, 155
 Nucleotides
 effect of alkylating agents,
 160
 effect of x-radiation, 160
 Nutrition
 diarrhea and, 389
 gastrointestinal tract in, 98-
 101
 annotated reviews in, 397-98
 Nutritional disease
 role of antibiotics in, 99-101
 intestinal bacteria and, 99-
 101
 enzymes and, 98-99
 experimental hepatic
 necrosis, 102-4
 amino acids and, 109-10
 animal age and, 109
 enzyme systems and, 106-7
 food intake and, 108-9
 temperature and, 109
 vitamin E and, 104-6
 liver in, 101-10
 obesity, 94-98 (which see)
 pyridoxine and, 113-16
 starvation, 99
 toxins and detoxification in,
 101-2
 vitamins and, 98-99
- O
- Obesity, 94-98
 vs adipose tissue hyper-
 trophy, 94-96
 appetite in, 96-97
 carbohydrate metabolism in,
 94-95
 diets in, 95, 97-98
 etiology of, 397
 experimental, 96-97
 fat metabolism in, 94-95
 food intake and, 94-98
- hunger and blood sugar
 levels, 96
 sequelae, 397
 Ophthalmalgia
 annotated reviews in, 412
 Ophthalmology, 311-34
 diseases of collecting
 apparatus, 318-19
 conjunctiva, 319-24
 cornea, 324-26
 eyelids, 311-15
 glaucoma, 328-30
 lacrimal apparatus, 316-18
 lens, 326-27
 neuromuscular, 311
 retina and optic nerve
 diseases, 330-31
 uvea tract disease, 327-29
 Opium alkaloids
 separation of, 297, 299
 Osteoarthritis, 252-54
 evolution of, 252
 phenylbutazone in, 248
 Osteomyelitis
 viral, 19
 Otitis media
 review of, 412
 Otoneurology, 404
 Ovaries
 chemistry of oocyte, 410
 function of
 pyridoxine and, 117
 and nervous system, 363
 Oxygen
 content and capacity
 determination of, 258
 Oxygen tension
 arterial, 216
 Oxytetracycline
 in prevention of rheumatic
 fever, 344
- P
- Pancreas
 alpha cells of
 glucagon, 361
 cysts of
 surgery of, 388
 and nervous system, 361, 368
 pancreatitis
 diagnosis and therapy of,
 388
 visualization of
 by extraperitoneal
 pneumography, 237
 Pantothenic acid
 deficiency of
 and intestinal mucosa
 respiration, 99
 metabolic functions of, 399
 PAP, see primary atypical
 pneumonia
 Papanicolaou technique
 in diagnosis of carcinoma,
 402
 Paper chromatography

- (see chromatography)
 Paper electrophoresis
 (see electrophoresis)
 Papilloma
 infectious
 of eye, 315
 Paracenteses, 41-42
 Parathyroid, 361
 review of, 401
 Parinaud's conjunctivitis,
 323, 344-47
 Parkinson's syndrome
 drug therapy of, 407-16
 Paul-Bunnell test, 347
 Pediatrics, 335-58
 allergies, 401
 aphasias in children, 406
 cardiovascular surgery
 in infancy, 418
 child care, 386
 child psychiatry, 408
 congenital malformations,
 338-41
 hypervitaminosis A and,
 340
 incidence of, 339
 ionizing radiations and,
 341
 variola and varicella and,
 339
 western equine encephalo-
 myelitis and, 340
 diaphragmatic hernia, 418
 erythroblastosis fetalis, 337
 heart disease, 343-44
 hemophilia, 353-55 (which
 see)
 infectious diseases, 344-45
 cat scratch fever, 344-47
 cytomegalic inclusion
 disease, 348-49
 infectious mononucleosis,
 347-48 (which see)
 pertussis, 349
 tuberculosis, 349-53
 maternal age
 and congenital abnormali-
 ties, 418
 offspring immunity and,
 386
 sex ratio of offspring and,
 386
 maternal care, 386
 migraines in children, 418
 mongolism, 418
 neurology in, 404
 postmature births, 337-38
 retrolental fibroplasia,
 335-36 (which see)
 annotated reviews in, 417-18
 tetany of newborn, 337
 toxoplasmosis, 341-43
 (which see)
 trypsin in infancy, 417
 water loss in newborn, 336-
 37
 use of mists, 336
 Penicillin
 in prevention of rheumatic
 fever, 344
 Pent apyrrolidinum
 in hypertension, 284
 Pentosuria, 261-62
 associated with muscular
 dystrophy, 261-62
 Peptic ulcer, 387-88
 Peripheral vascular disease
 reviews in, 393
 Peritonitis
 chyle, 389
 Pertussis, 349
 standardization of vaccine,
 349
 Pesticides, 295, 299
 Phase microscopy
 review of, 412
 Phenylbutazone
 and agranulocytosis, 86, 250
 plus aminopyrine
 (butapyrin), 250
 compared with corticotropin,
 249
 in gout, 250, 400
 in Hodgkin's disease, 85
 in leukemia, 169
 in rheumatic disease, 248-
 50
 Pheochromocytoma
 diagnosis of, 413
 dibenzylamine in, 280
 Pherentasin
 as pressor substance, 283
 Pituitary
 adrenal system, 400
 anterior
 histology of, 400
 and nervous system, 362-63
 63
 function and pyridoxine,
 117
 posterior
 and nervous system, 363-
 64
 and pregnancy, 410
 Pityrosporum ovale
 in eyelid infections, 312
 Plasma
 fractionation of, 395
 sterilization of, 23-24
 Pneumoconiosis, 220-21
 Pneumoencephalography, 228
 Pneumography, 228
 extraperitoneal, 237
 Poisons (see also toxicology)
 alcohols
 and nervous system, 407
 identification and determin-
 ation of, 295-310
 identification and detection
 of
 absorptiometry in, 301-3
 by adsorption and column-
 partition chromatography,
 296, 297-98, 301
 countercurrent distribu-
 tion in, 300
 paper electrophoresis in,
 296, 301
 zone electrophoresis in,
 299-300
 ion-exchange separation
 of, 296-97
 polarography in, 303
 high frequency titration
 in, 304
 x-ray diffraction in, 303
 mushrooms
 review of, 417
 reviews of, 417
 Poliomyelitis, 1-9
 acute phase
 treatment of, 385
 Coxsackie viruses and, 10
 droplet infection and, 8
 epidemiology of, 7-8
 family incidence in, 7-8
 fly-control and, 8
 gamma globulin in, 4-5,
 386-87
 criticisms of, 4-5
 immunization procedures
 and incidence of, 1-2
 age and, 1-2
 following gamma globulin,
 4
 paralysis and, 2
 previous infections and, 1
 site of infection in, 1
 incubation period of, 8
 iodine as polioicide, 3
 isolation and identification,
 6-7
 tissue culture techniques
 in, 6-7
 neural invasion in, 3
 "orphan" viruses in, 7
 pathogenesis of, 1-4
 prophylaxis in, 4-6
 research in, 385
 states of, 4
 tonsillectomy and, 2-3
 vaccines in, 5-6
 viremia in, 3-4
 virus structure, 8-9
 in very young, 7-8
 Polyarteritis nodosa, 326
 Polycythemia, 250
 origin of, 371
 treatment of, 395
 Porphyria, 399
 Porphyrin metabolism
 drugs and, 415
 Potassium
 determination of, 257
 Pox viruses (see variola,
 vaccinia)
 Pregnancy
 circulatory adjustments to,
 390
 heart disease in, 390
 hypertension in, 392

- and liver injury, 112, 116-18
 nutritional requirements in, 116-18
 pyridoxine metabolism in, 115
 annotated reviews in, 410-11
 and virus infection, 27-29
 Primary atypical pneumonia, 13-14
 distemper, canine and, 13-14
 new viruses and, 13
 Procaine
 determination of, 302
 Proctology, 389
 Proctology, 389
 Properdin, 135-36
 Prostatectomy
 and carcinoma, 403
 Protein (see also lipoproteins)
 C-reactive
 and rheumatic fever, 135
 and experimental liver disease, 109-10, 154
 serum, 265-71
 albumin-globulin quotient, 265
 amino acids of, 266
 biuret determination of, 258
 in disease states, 269
 separation of albumin and globulin, 266
 Protein-Bound iodine
 resume on, 412
 Psittacosis, 14
 clinical aspects of, 385
 incidence of, 14
 Psoriasis
 etiology and pathogenesis of, 409
 Psychiatry, 201-10
 experimental psychoses, 201-3
 adrenochrome and, 202
 bulbocapnine and, 201
 d-lysergic acid and, 201
 mescaline and, 201
 psychopathology, 203-10
 antisocial behavior, 203
 fixations in children
 therapy in, 204-6
 psychosurgery, 404
 annotated reviews in, 407-8
 support and planning of
 research in, 208-9
 schizophrenia, 202
 Psychology
 annotated reviews in, 407
 Psychoses
 and adrenal cortical function, 362
 myxedema and, 361
 Psychosomatic medicine
 review of, 408
 Psychotherapy
 in diarrhea, 390
 Public Health
 food supply, 386
 immunization
 status of, 386
 mosquito borne viruses, 387
 reviews in, 386-87
 water and sewage
 microbiology of, 387
 Pulmonary function, 147-48
 alveolar-arterial gradient, 216
 in bronchitis, 220
 bronchspirometry, 217-18
 circulation time, 221
 diffusion capacity, 216-17
 in dyspnoea, 214-15
 oxygen tension and, 216
 in pneumoconiosis, 220-21
 radiographic chest volume
 and, 148
 respiratory lung surface, 221
 tests of, 147, 211-24
 functional residual capacity, 212-13
 gas distribution, 215-16
 composite indices, 213-14
 maximal ventilatory volume, 212
 value of, 218-21
 vital capacity, 148, 212
 Puncia granatum
 alkaloids of
 separation of, 298
 Purines
 analogs of
 clinical effects of, 389
 and carcinogenesis, 155
 Purpura, 139-42
 classification of types of, 139
 drugs as agents of, 140
 pathogenesis of, 140-42
 annotated reviews in, 376
 thrombocytopenia, 139-40
 sedormid and, 140
 spleen and, 141
 Pyelograms, 236-37
 Pyridoxine, 113-16
 and arteriosclerosis, 115-16
 deficiency symptoms, 114
 Pyrimidines
 analogs of
 clinical effects of, 398
 Q
 Quinidine
 and purpura, 140
 Quinine
 determination of, 302
 R
 Radiation
 cataracts due to, 327
 ionizing
 and carcinogenesis, 161-62
 Radioactive isotopes
 gold, 161
 hazards of, 295
 iodine
 in hyperthyroidism, 401
 annotated reviews in, 413
 in treatment of carcinoma, 168
 Radiology, see contrast
 roentgenology, contrast
 media, x-radiation,
 angiography, venography,
 pneumography, angio-
 cardiography, broncho-
 graphy, cholecystography,
 cholangiography
 annotated reviews in, 413
 Rauwolfia serpentina
 in hypertension, 290
 in psychotherapy, 208
 Rectum
 polyps of, 389
 Regitine
 in pheochromocytoma, 413
 Reproductive system
 diseases of
 review of, 410-11
 Reserpine
 in hypertension, 290
 side effects of, 290
 review of, 414
 Respiratory disease, 211-24,
 see also pulmonary
 function, emphysema,
 dyspnoea
 bronchography in, 231-32
 pulmonary angiography in,
 229-30
 annotated reviews in, 419
 Reticuloendothelial system
 diseases of
 annotated reviews in, 395
 Retina
 detachment of, 331
 Retrolental fibroplasia
 etiology of, 330, 335
 growth and development of
 eye, 336
 status of, 411
 Rheumatic disease, see also
 rheumatoid arthritis, gout,
 ankylosing spondylitis,
 shoulder-hand syndrome,
 bursitis, osteoarthritis
 review of, 410
 Sjögrens syndrome with, 317
 Rheumatic fever, 65
 and C-reactive protein, 135
 diagnosis of, 385
 and heredity, 134
 prevention of, 344, 385
 therapy in, 344, 385
 Rheumatic heart disease
 cortisone and corticotropin
 in, 385
 in pediatrics, 343
 Rheumatoid arthritis, 251-52
 and antihypertensive drugs,
 291

- butapyrin in, 250
cortisone vs aspirin in, 246
finger contractions, 251
fistulous rheumatism, 251
hydrocortisone in, 244, 417
metabolism of adrenal
 steroids in synovial
 cavity in, 247
and polyarteritis nodosa, 326
phenylbutazone in, 248-50
Rh incompatibility, 337
Rh system
 genetics and immunology of, 395
Riboflavin
 metabolic functions of, 399
Rickettsial disease
 approaches to therapy in, 387
Roentgenology, see also contrast roentgenology, contrast media, x-radiation, angiography, venography, pneumography, angiocardiology, bronchography, cholecystography, cholangiography
 sequence roentgenography, 225
Roseola infantum, 24-25
Rubella, 27-28
 gamma globulin and, 28
 infection with and pregnancy, 27-28
- S
- Salicylates (see aspirin)
 and acid-base balance, 414
 renal effects of, 251
Salivary gland virus, 348-49
Sarcoidosis, 388
Schirmer test
 of tear function, 317
Schizophrenia, 202
Scopolamine
 separation of, 297
Scrub typhus, 190-92
 affects on hearing, 191
 neurological features of, 190-92
 psychological symptoms, 191
Seborrhea, 312
Sedormid
 and thrombocytopenia, 140
Selenium, 103
Selenium disulfide
 in eyelid infections, 313
Sengstaken-Blakemore
 esophageal tube in treatment of esophageal varices, 36
Serotin
 and blood clotting, 391
Serum
 bilirubin of, 262-63
 inorganic constituents of, 258-59
 calcium, 259-60
 chelating agents and, 258-59
 heavy metals, 260
 lipoproteins of, 269-70
 protein, 265-71
 albumin:globulin quotient, 265
 amino acids of, 266
 in disease states, 269
 zone electrophoresis of, 266-69
Serum abnormalities
 agammaglobulinemia
 vaccination and, 19
Serum hepatitis, 22-24
 human albumin injection and, 23
 sterilization of blood products and, 23-24
 human thrombin injections and, 24
 transmission of, 22-23
 virus size, 24
Sewage
 microbiology of, 387
Sex ratio
 and age of mother, 386
Shock therapy
 review of, 408
Shoulder-hand syndrome
 hydrocortisone in, 244
 graphic outline of, 410
Shwartzman phenomenon, 131
Shwartzman-Sanarelli phenomenon, 131
Sickle cell anemia, 82
Siderosis
 transfusional, 50
Simmond's disease
 17-ketosteroids and, 263
Sjögren's syndrome, 317-18
 clinical symptoms of, 317
 theories of, 317
Skin disease, see dermatology
Small pox, see variola
Smog
 and carcinogenesis, 166
 hazards of, 295
Smoking
 carcinoma and, 164-66, 402
Sodium
 determination of, 257
 secretion of
 in mammals, 394
Solenaceous drugs
 separation of, 298
Spectrophotometry
 in determination of poisons, 301-3
Spinal cord
 injuries of, 406
 surgery of, 404
Spinal fluid, see cerebro-spinal fluid
Spirochets
 chemotherapy and, 416
Spleen
 splenography of, 234-36
 and thrombocytopenia, 141
Sprue
 lymphoma, 82
 non-tropical, 100-1
Starvation
 human, 99
Statistics
 of carcinoma, 164-65
Stenosis
 aortic, 65-66
 mitral, 63-65
 angiography in, 230
 of pulmonary valve
 angiocardiology in, 229
 sequence roentgenography and, 225
Steroids, see also 17-keto-steroids
 adrenal cortical
 metabolism of in synovial cavity, 247
 assay of, 400
 biochemistry of, 400
 in geriatrics, 400
 metabolism of
 and carcinogenesis, 155
 and tissue oxidation, 359
 urinary
 constituents of, 264
Stevens-Johnson syndrome, 314
Strabismus, 311
 review of, 411
Streptococci
 hemolytic type twelve
 and nephritis, 126
Strychnine alkaloids
 determination of, 302
 separation of, 297, 299
Stress
 and endocrine and nervous systems, 368-71
Sugars, see carbohydrates
Sulfonamides
 as carcinogens, 164
 chromatography of, 296
Sulfone
 therapy in leprosy, 416
Sulfur
 in leucocyte metabolism, 77
 metabolism of
 in experimental liver disease, 103-4
Surgery, see cardiovascular surgery
 in cirrhosis
 for portal hypertension, 40-41
Sweat
 chemistry of, 409
Sympathectomy

- effects of, 393
 Synovium
 metabolism of adrenal
 steroids in, 247
 Syphilis
 neuro
 spinal fluid electrophoresis in, 270
 reviews of, 386
- T**
- Tarsorrhaphy
 in eye injuries, 312
 Tears, 316-18
 absence of, 316
 lysozyme in, 316
 Schirmer test, 317
 Sjögren's syndrome and, 317
 Teratisms, 338-41
 Terramycin, see oxytetracycline
 Testes
 and nervous system, 363
 Tetany
 in newborn, 337
 Tetralogy of Fallot
 angiocardiology in, 229
 sequence roentgenography and, 225
 surgery in, 70-71
 Thallium
 determination of, 304
 Therapeutics
 drug resistance, 414
 ethics of placebo therapy, 413
 annotated reviews in, 413
 Thiamine
 deficiency and pregnancy, 117
 determination of, 257
 metabolic functions of, 399
 Thiocyanates
 in hypertension, 280
 Thrombin, human
 injection of
 and serum hepatitis, 24
 Thrombocytopenia, see purpura
 Thrombosis
 reviews in, 393
 Thymectomy
 in myasthenia gravis, 400
 Thymol turbidity test
 vs cephalin flocculation test, 271
 Thyroid
 carcinoma of
 review of, 403
 and cerebral cortex activity, 360
 exophthalmic producing substance, 361
 hormone
 and pituitary tumors, 169-70
 and hypothalamus, 360
 influence on nervous system, 360-61, 366-67
 and iodine metabolism, 401
 experimental tumors of, 163
 and liver integrity, 108
 and metabolic rate
 and cellular oxidations, 359
 and mitochondria metabolism, 360
 Thyroxine, 360
 Tissue culture
 techniques in poliomyelitis, 6-7
 Tobacco
 alkaloids
 isolation and separation of, 298, 300
 Tocopherol
 deficiency and ulcers, 99
 Toxemia
 in pregnancy, 410
 Toxicology, 395-410
 isolation of poisons, 296-300
 adsorption and column partition chromatography in, 296, 297-99
 countercurrent distribution in, 300
 paper electrophoresis in, 296
 zone electrophoresis in, 299-300
 ion-exchange separation in, 296-97
 annotated reviews in, 413-17
 Toxoplasmosis, 328, 341-43
 diagnostic tests for, 342
 manifestations of, 341
 sequelae of, 342
 Trachoma, 321-22
 divisions of, 321
 treatment of, 322
 Treponematosi
 injections for and poliomyelitis, 2
 Triethylenemelamine
 and carcinogenesis, 159
 in leukemia, 170, 403
 Trigeminal neuralgia
 surgery in, 406
 Tripterygium wilfordii
 alkaloids of
 separation of, 298
 Tropene alkaloids
 isolation of, 299
 Trypanosome infections
 chemotherapy of, 416
 Trypsin
 in infancy, 417
 Tsutsugamushi fever, see scrub typhus
 Tuberculosis
 bronchial involvement with, 352
 in children, 349-53
 drugs in, 350-52
 deaths and age distribution in, 352
 evolution of
 review of, 419
 of female genitalia, 411
 heredity and, 134
 pericarditis due to, 63
 therapy of
 reviews of, 416
 vitamin K in, 416
 Tumors, see carcinoma, carcinogenesis
 Typhoid fever
 therapy in, 417
 Tyrosine
 urinary
 and disease states, 271
 Tyrosine factor
 in serum protein, 266
- U**
- Ulcers, 99
 peptic, 387-88
 Ulcerative colitis
 review of, 389
 Ultrasonics, 411
 Ultraviolet irradiation
 in plasma sterilization, 23
 Uracil
 in granulocytic leukemia, 83
 Urea
 determination of, 257
 Urease
 in urea determination, 257
 Uremia
 dialysis in treatment of, 394
 tests in, 271
 Ureters
 obstructed, 379
 Urethane
 as carcinogen, 163
 Uric acid
 review of, 399
 Urine
 chemistry of, see clinical chemistry
 Urography
 intravenous, 236-37
 Urology, 377-84, 394-95
 artificial kidneys, 377, 394
 diagnostic methods in, 378-79
 hydronephrosis, 394
 hypospadias, 382-83
 nephrocalcinosis, 394
 prostatectomy
 and carcinoma, 403
 surgical techniques in, 379-83
 transplantation of kidney, 377-78, 394
 ureterocele, 394
 urinary incontinence, 394

urinary lithiasis
management of, 394

V

- Vaccination, see poliomyelitis, vaccinia
and fetal death, 28
Vaccinia, 18-19
anti-vaccinial gamma globulin, 18-19
infections of eye, 315
osteomyelitis and, 19
vaccination responses to, 18
Vaccinia gangrenosa, 18-19
Varicella
and congenital malformations, 339
Varicella-Zoster, 16-17
and eye, 315
cultivation of virus, 16
pathology of, 16-17
Variola, 17-18
and congenital malformations, 339
diagnosis of, 17
pathology of, 17-18
virus isolation, 17
Venography, 237-38
Venography
portal, 234-36
of skull and dural sinuses, 227-28
technique of, 227
splenic portal
in cirrhosis, 39-40
Ventriculography, 228
Veratrum alkaloids
in hypertension, 281-82
animal experiments with, 281
digatalis with, 281
Virus infection
and pregnancy, 27-28
therapy in, 387
Viruses, 1-34, see also
poliomyelitis, influenza,
colds, Coxsackie virus,
vaccinia, variola, herpes,
exanthematous disease,
roseola infantum,

Behcet's disease,
meningitis, West Nile
virus, measles, epidemic
hemorrhagic fever,
rubella

- animal, 386
in cancer production, 402
influenza
experimental studies of, 386
mosquito borne
ecology of, 387
and multiple sclerosis, 144-45
oncolytic action of, 171-72
"Orphan"
in poliomyelitis, 7
salivary gland, 346-49
and sensitization, 134-35
and tumor genesis, 166-68
chicken leukemia, 168
mouse mammary cancer, 166
rabbit papilloma, 167
Vital capacity, 148
in emphysema, 212
Vitamin A
and congenital anomalies, 117
excess of, 340
Vitamin B₆
metabolism of, 399
Vitamin B₁₂
megaloblastic anemia and, 396
physiology of, 399
Vitamin C
requirements, 397
Vitamin E
and choline, 107-8
and experimental liver
necrosis, 104-6
Vitamin K
bacteriostatic action of, 416
in hypoprothrombinemia, 415
Vitamins

diarrhea and, 389
fat soluble, 397
in nutrition, 98-99, 104-6
water soluble, 397

W

- Water
loss of
in newborn, 336-37
metabolism of, 398
microbiology of, 387
retention
reviews of, 394
Weed killers, 295
Weltmann test, 271
West Nile virus, 25-26
symptoms, 25-26
vector of, 26
Western equine encephalomyelitis and congenital malformations, 340
Wheat
in nutrition, 398
Whooping cough(see pertussis)
Wilson's disease, 46, 50-51
copper estimation in, 260
and retinal changes, 330

X

- Xanthelasma, 315
Xanthine oxidase
and carcinoma in mice, 161
X-radiation
effect on nucleotides, 160
and osteogenic sarcoma, 162
of pituitary
and prostatic cancer, 169
protection from, 413
therapy in epitheloma, 316
X-ray (see contrast
roentgenology)
diffraction
in determination of
poisons, 303

Y

- Yohimbine
determination of, 302